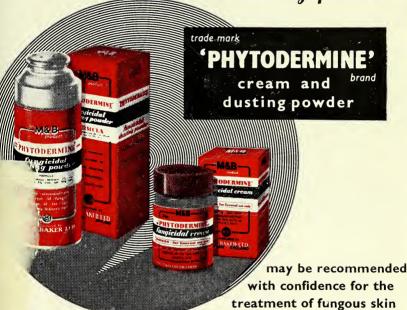
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MAY 13, 1950

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HEMIST AND DRUGGIST

RETAILER — WHOLESALER — MANUFACTURER

MAY 13, 1950

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NEWS OF THE WEEK

Sc. Degrees in Pharmacy.—Messrs. Hawkins and J. MacRae have red the degree of B.Sc. in Pharmacy at sow University.

isinfectant Manufacturers' Associa—The following officers of the British ufacturers' Association have been elector the coming year:—Chairman, Mr. Berchem; Vice-chairman, Mr. A. E. Y; Treasurer, Mr. Victor G. Gibbs.

astics Federation Officers.—The folng are the recently elected officers of British Plastics Federation:—Chair-Mr. P. A. Delafield; Vice-chairman, C. S. Dingley; Immediate Past Chair-Mr. C. F. Merriam; Acting Treat, Mr. R. P. Anderson.

B.P.I. Officers Appointed. — At a ing of the Council of the Association British Pharmaceutical Industry on 1 27, Mr. J. C. Hanbury, M.A., arm., Ph.C., F.R.I.C., was elected dent, Mr. C. L. Saul, B.A., Vice-pret, and Mr. H. C. H. Graves, B.Sc., e-elected Treasurer. Tribute was paid e services rendered to the Association

by the retiring president (Mr. R. L. Taylor).

American Officials at B.I.F.—A mission from the United States Commerce Department, led by Mr. Preston Forbes (deputy chief, U.S. Intelligence and Service Division) is in Britain on a visit to "find means of encouraging imports into the United States." Members of the mission, which is under the auspices of the European Co-operation Administration, have been meeting British exporters at the British Industries Fair.

Key Industry Duty Exemptions.—The Board of Trade is considering the question of the renewal for the period July I to December 31 of the exemptions from Key Industry Duty as set out in the various Safeguarding of Industries Exemption Orders. Any communications should be addressed to the Industries and Manufactures Department, Division 1B, Board of Trade, Millbank, London, S.W.I, as soon as possible and not later than June 3.

Imports of Stearic Acid.—The Ministry of Food announces, in agreement with

the Board of Trade that, during the period from May 22 to September 30, individual import licences will be granted for limited quantities of double- and triple-pressed stearic acid consigned from, and originating in, any of the "permitted" countries. Applications for import licences should be made to the Import Licensing Department, Board of Trade, to arrive not later than May 15.

Fertilisers Price Increase.—The Board of Trade has made an Order (S.I., 1950, No. 719), effective on May 15, providing increased maximum prices for all fertilisers in Great Britain other than muriate and sulphate of potash, but including compound fertilisers; and all fertilisers in Northern Ireland other than muriate and sulphate of potash, ground phosphate and compound fertilisers. The increase in price will be 2s. 6d. per ton for superphosphates, ground phosphates and compound fertilisers; 3s. per ton for basic slag; and 4s. per ton for sulphate of ammonia. These increases are to cover higher delivery costs due to the increase in rail freights.

"Greater Discovery Than Penicillin"?—In a debate on scientific resources in the House of Commons on May 5, Mr. F. J. Erroll said that a "much greater discovery than penicillin" would shortly be announced. Mr. Erroll mentioned a forthcoming "positive virus therapy" effective in "hard pad or para distemper." He is understood to have been referring to a preparation C.F.9 (see p. 599) made by the Edenhall Clinical Research Laboratories (address not disclosed). A spokesman to whom The Chemist and Druggist was referred for information declined to make a statement on the drug, or on the reports published in the Press.

British Standards for Oils.—British Standards for vegetable oils (B.S. Nos. 628-32 and B.S. 650-56) were published recently by the British Standards Institution in one volume (price 6s.). The book gives detailed specifications covering physical characteristics for each of the oils, and methods of test. A revised standard for the analysis of oils and fats (B.S.684: 1950) incorporates the latest developments in British methods in this field. Copies may be obtained from the Institution's sales department, 24 Victoria Street, London, S.W.I (price 7s. 6d. post free). The Institution hopes to publish shortly a separate document covering further methods that have so far not been standardised.

"Family Album" Film. — A sound film, mainly in Technicolor, entitled "Glaxo Laboratories in Britain," prepared for showing to staffs of the company—particularly in Central and South America during a recent tour of those areas by the company's chairman and managing director (Sir Harry Jephcott, M.Sc., Ph.C. F.R.I.C.)—was shown to a Press audience on April 21. The film, of which it is no intended to give any public showings, skil fully introduces leading personalities of, the company into close-up settings illustrating many of the very varied operations carried out at Ulverston, Lancs; Barnare Castle, co. Durham; Driffield, Yorks; and Greenford, Middlesex. Sir Robert Hutchings, K.C.I.E., C.M.G., gave a brief speech of introduction to the journalists.

Society of Public Analysists.—At the annual meeting of the Society of Public Analysts and other Analytical Chemist recently, the following officers were elec ted for the year:-President, Mr. G Taylor; Past-presidents serving on the Council, Messrs. Lewis Eynon. E. B. Hughes, G. Roche Lynch, G. W. Monier Williams; Vice-presidents, Messrs. D. C. Garratt. J. G. A. Griffiths, J. R. Nicholls Treasurer, Mr. J. H. Hamence; Secretary Mr. K. A. Williams, 7 Idol Lane, London E.C.3, The first Bernard Dyer Memoria lecture was delivered by Sir E. John Russell, O.B.E., D.Sc., F.R.S., Sir John who said he had known Bernard Dyer for almost fifty years, paid tribute to his high analytical attainments. His work on the determination of available phosphorus and potassium by preliminary extraction with a I per cent. solution of citric acid had been amongst the earliest of his analytica achievements. The present problem was to find analytical methods that would give some measure of the amount of nutrient which crops could obtain from the soi under normal conditions.

Association of Pharmaceutical Employees. — The second meeting of the National Advisory Committee of the Association of Pharmaceutical Employees was held in London recently, Mr. W. S. Benjamin, M.P.S., presiding. The meeting decided to make a further approach to the National Joint Industrial Council for Retail Pharmacy in an attempt to lay down reasonable standards of remuneration and conditions of labour for pharmaceutica employees in the National Health Service (other than direct public employees). The position of co-operative society employees was considered. The committee expresser

ts dissatisfaction that employee pharmaists were still excluded from the contract inder N.H.S., and therefore from repreentation on the Whitley Council, though he Service could not be provided except inder their direct statutory responsibility s pharmacists. The committee decided to esist any attempt to deprive employee harmacists of their half-day holiday every veek, and suggested a rota system of closng on alternative half-days. The decision vas also taken to continue consideration of he position of the unqualified dispenser.

LOCAL NEWS

N.H.S. in Glamorgan.—The following tatistics for the year ended March 31 were iven at a recent meeting of the Glamoran Executive Council: Patients on docors' lists, 734,610; pharmacies, harmaceutical services, £595,697.

Staff Conference. - The annual staff onference of Boxfoldia, Ltd., Bournbrook, Sirmingham, was held at Bristol re-ently. Addresses were given by Mr. . R. Foyle and Miss B. Foyle (joint manaing directors), Sir Robert R. Hyde and rofessor T. U. Matthew.

Isle of Man Health Service .- When the lealth Board, which administers the eparate National Health Service of the sle of Man, presented its estimates to the Tynwald Court (the island's parliament) ecently, they were rejected. The chair-nan (Mr. T. C. Cowin, Douglas) was sked to take back a request for economies o be effected. The Board's figure of 800,770 (averaging about £16 per head f the population) included £55,485 for he general pharmaceutical service and it vas represented that the figure was too high by reason of over-prescribing.

N.H.S. Pricing and Pay.—At a meetng of the West Kent Branch of the Pharnaceutical Society on May 1, Miss D.

Murgatroyd, M.P.S. (superintendent. South-eastern Pricing Bureau) gave an address entitled "N.H.S. Prescription Pricing Problems." Spirited discussion followed on the recent cut in the oncost allowance for National Health Service dispensing, and the following resolution was passed unanimously:

That this Branch greatly deplores the arbitrary manner in which the cut in the oncost allowance on N.H.S. prescriptions has been made, and requests the Society to bring machinery into operation at once, representing all pharmacists, to resist this, and to bring them to co-ordinated action in the event of any further assault on their status and remuneration."

Chesterfield Branch.—At a meeting of the Chesterfield Branch of the Pharmaceutical Society on April 19, Alderman W. J. Tristram, J.P. (a member of Council), spoke on the National Health Service, summarising the progress made since the Beveridge Plan. N.H.S., he said, had brought back to the pharmacist the job for which he had been trained. Mr. R. E. Twelves proposed a vote of thanks to the speaker. A visit was paid to the Pricing Bureau at Sheffield on April 26 where members saw convincing evidence that the job of pricing (within the framework of policy dictated from a higher level) was being tackled with energy and in a spirit of fair play to both contractors and Min-Considerable improvement in the time taken for pricing prescriptions could be expected in about six months' time provided there was no great change in the present pricing methods, said the pricing officer.

Chemists' Golfing Activities. — Edinburgh Chemists' Golf Club held its first outing of the season at Liberton recently. The winners were as follows: Harkness Beaumont tankard, Mr. W. A. Mackay (14), 70; Mr. A. Boyle (17), 72. Club prizes, No. 1 section—Messrs. J. F. Robert-



AMATEUR THEATRI-CALS. - The Unicorn Players (members of the staff of the Wellcome Foundation, Ltd., London) in a presentation of Emlyn Williams' p'ay three-act Murder has been Arranged," produced at the theatre of the London University, April 17-18. It was the second annual production of the Players.

son (10), 73; J. Ferguson (4), 76; J. D. Finlayson (scr.), 78, H. Semple (scr.), 78, and R. F. Muir (6), 78 (tied). No. 2 section, Messrs. W. J. Rosie (18), 72; John Liddell (19), 74; F. Hepburn (21), 74. Best scratch score, Mr. J. Finlay 75.—At the spring meeting of the London Chemists' Golfing Society at Crews Hill Golf Club, Enfield, on April 26, the medal competition for the Hepburn shield was won by Mr. A. H. Newcombe (5), 78 (decided after a tie), with Mr. R. Carter (2), 78. bogey competition for the prize presented by D. & W. Gibbs, Ltd., was won by Mr. R. Carter.—The first meeting of the Northumberland and Durham Chemists' Golfing Society for 1950 was held at Tynemouth on April 19. The winners were:— Evans trophy, Mr. R. Lowes; McClure tankard, Mr. Jacobs; Sanger tankard, Mr. Glover.—The Golf Section of the Birmingham Pharmaceutical Association opened their season with a medal competition for the Coty challenge cup and souvenir tan-kard played over the Walsall course on May 3. The winner was Mr. R. J. B. Shelley with a return of 78.

Lancs National Health Service.—The total cost of the National Health Service in Preston during the past twelve months was £517,107 (£120,670 was for pharmaceutical services). The Preston Executive Council confirmed a recommendation of the Pharmaceutical Service Committee that £10 should be withheld from a chemist who had permitted his unqualified assistant to dispense a prescription. Sums ranging from £1 to £5 are also to be withheld from three chemists for breaches of terms of service in preparing prescriptions. —The Lancashire Executive Council at Preston, on April 26, approved a recommendation that £5 should be withheld from the remuneration of a chemist who had dispensed prescriptions that had been altered by a patient. The Pharmaceutical Service Committee's finding was that the chemist had not exercised reasonable care in reading the prescriptions. A prescription that had reached the pricing bureau was seen to have a figure one placed before a six, and "oz." added, making 16 oz. instead of 6 oz. The chemist said that the patient had been having 16-oz. lots of the medicine at regular intervals, and he had no hesitation in supplying that quantity on that occasion. The patient accepted responsibility; nine previous prescriptions were later found altered,

IRISH NEWS

Irish Drug Association.—The following have been elected members of the Irish Drug Association: Mr. D. Sheahan, M.P.S.I, The Pharmacy, Blackrock, Dundalk; Mr E. J. Fallon, M.P.S.I., The Medical Hall Kinvara, Galway; and Mr. J. P. Newell M.P.S.I., 4 Pearse Street, Athlone,

Dublin Window Displays. — In the "Irish Week 1950" window-display competitions in Dublin recently, the following were prizewinners in the section for pharmaceuticals, cosmetics and allied goods: 1, Mr. P. A. Brady, M.P.S.I., 13 Upper Camden Street; 2, J. S. Evans & Co., Ltd. (Mr. P. Fahey, M.P.S.I.), 5 St Stephen's Green; 3. Hamilton, Long & Co., Ltd., 5 Lower O'Connell Street. Mr Denis Murphy. M.P.S.I., Lower Dorse Street, was highly commended for hidisplay.

Irish Chemists' Golf.—The Irish Chemists' Golfing Society held its first outing of the year at Baltry Golf Club, co. Louth on April 16. The following were the results of the competitions: Scotch four somes (9 holes), D. P. McHugh and P. F. McGrath, 38, F. J. Roche and P. Slattery 384. Eighteen holes strokes, S. J. Savagi (8), 72; C. A. Collis (18), 74. Eighteen holes bogey, R. E. Healy (9), all square J. J. Roche (18), one down. The captair (Mr. T. J. Lynch) presided at the supperheld subsequently when the prizes, donated by St. Dalmas (Ireland), Ltd., Coty, Ltd. and Allen & Hanburys, Ltd., were presented by Mr. A. W. Hughes (Dalmas, Ltd.)

Ulster Associates.—At the April meeting of the Associates' Section of the Ulster Chemists' Association, the following were approved for associateship: Mr. George W. Davis, M.P.S.N.I., Mrs. Maureen G. Egan, M.P.S.N.I., Mr. P. J. Campbel (assistants); Misses Mary E. Hendron Mary Lusted, Olive J. Mackintosh, Marie T. McShane, Margaret H. Shaw, Eleanon M. Welsh, Messrs. Derek G. Bateman James I. Beattie, Victor H. Corrie, John M. Falls, Kennedy Lyle, William Desmond McClements, Ivan Donald McKee Michael G. O'Hagan, Patrick A. Rooney Matthew M. Slevin, Edward Webb (apprentices). The chairman reported that a donation of £10 from the proceeds of the Associates' annual dance had been sent to the Welsh Air Disaster fund, It was arranged to call a special general meeting on May 16 in Lombard Café, Belfast, to discuss rota service,

TOPICAL REFLECTIONS

ouncil Candidates

By the passing of Mr. A. R. Melhuish, whose valuable services to pharmacy ting tributes were rendered in your May issue, the number of members of the narmaceutical Society's Council who fer themselves for re-election on May 18 reduced to six. The statements of policy sixteen candidates on pp. 572-78 should read attentively and without preposseson. As on previous occasions, the claims new applicants can be balanced against e records of members of Council who are illing to serve for another three years. A rther consideration is the increasing connsus of opinion (if I am not mistaken) favour of territorial representation. This bjective may be attainable in fact if not name, though not necessarily by means one election. If asked to name the chief roblems demanding the attention of the ociety's Council, most pharmacists ould, I suppose, begin with National lealth Service dispensing. Although actual egotiations with the Ministry of Health re a function of a committee of the lational Pharmaceutical Union, the condered support of the Society is not to be espised. Next to, or even before, I.H.S. dispensing may be put education. of late the educational policy of the louncil has, perhaps inevitably, been tentave; but the time has come, I suggest, to rystallise some of the experimental ideas lready discussed in sufficient detail. So ar as I have noticed, only one candidate ientions the proposed revision of the ociety's charter. Any revision of it conerns every member: it is to be hoped that ome information about the draft of the cheme, if one exists, will be asked for at he next monthly meeting of the Council, inless the president deals with the topic it the annual meeting of the Society.

Chemistry and Culture

For the Pope memorial lecture (abstraced on p. 567) Professor John Read chose he subject "Chemistry as an Instrument of Culture." Professor Read, who in the past has favoured us with brilliant studies n the history of science, again reveals his ift for the cogent arrangement of facts. his references to Sir William Pope have a pecial interest for readers of The Chemist AND DRUGGIST; that discerning collector's pharmacy jars were described in your pecial Issue of June 27, 1925, and his mortars in that of July 10, 1926. Pope's "deep culture, with wide interests" furnished a conclusive refutation of the old idea, happily less prevalent than it was, that science and culture are incompatible. In "A Vindication of Science" (C. & D., 1938.II.239), an anonymous contributor cited an anecdote of a famous classical scholar who was showing a friend round his conservatory. When the friend began to explain in scientific terms the behaviour of leaflets of Mimosa pudica on being touched, he was promptly stopped. "Ah yes," interupted the classic, "but that's science, and I know no science." The obvious implication was that science is an excrescence on life-something that educated people need not bother about. Pope's interest in "literature, languages, art, music and the drama" showed that there need be no clash between science and culture; we owe thanks for the reminder.

Science and Romance

"The inherent problem," Professor Read said, "is specialisation, and is not peculiar to science." That is a significant thought. Darwin's regret at the atrophy of his power to appreciate certain cultural amenities could be paralleled by many a popular dramatist, musician and painter. Sometimes one hears it mentioned as exceptional that Mr. X or Mrs. Y, with a high reputation in artistic circles, is also an accomplished student of some apparently unrelated subject. The bold statement that, of all the branches of science, "chemistry is the most romantic" might well form the subject of another lecture; without hearing supporting arguments I should not like to commit myself to unqualified assent. The remarkable exhibition of floral illustrations now open in London suggests that botany may claim a strong element of romance. However that may be, we may all agree that chemistry permeates most other sciences. The botanist, the physiologist and the geologist cannot get far without the aid of the chemist; while the closeness of the association between modern physics, electricity and chemistry almost indicates that from this liaison a new science will emerge. The lecturer claims that in the "variegated history" of chemistry chemists have "a richly humanistic heritage." Accepting "humanistic" as meaning "pertaining to human culture" meaning "pertaining to human culture," no one is likely to dis-**Xrayser** agree,

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE Minister of Food was asked by Mr. W. F. Deedes on May I what reallocation of raw materials had been made between the manufacturers of high-quality soaps and manufacturers of the cheaper brands.

MR. MAURICE WEBB: Under a long-standing arrangement, oils and fats are allocated to soapmakers by the Soap Makers' and Fat Splitters' Federation from bulk supplies provided each month by my Department. The Federation introduced, on January 1, 1950, a modification of their method of making allocations which has resulted in some reallocation of materials between individual manufacturers, but I cannot say how it has affected makers of different types of soap.

All-night Dispensing in Glasgow

MR. J. RANKIN asked the Secretary for Scotland on May 2 how many chemist shops in Glasgow provided an all-night service for the public, particularly in Tradeston division. MISS M. HERBISON (Joint Under-Secretary) said in reply that she understood that one chemist's shop provided an all-night service; it was not in the Tradeston division.

Sclerosis, Paralysis and Byssynosis

Mr. Leslie Hale asked the Minister of Health on May 4 whether he was prepared to make provision under the National Health Service for the experimental treatment of sufferers from disseminated sclerosis and paralysis agitans. The Minis-TER said that that was already being done; the claims of a German doctor, he said, were in process of being assessed. Mr. HALE further asked the Minister whether any form of remedial treatment was available under the National Health Service for chronic sufferers from byssynosis, and whether he would consult with the Ministers of National Insurance and Labour with a view to making additional provisions for sufferers from that condition, MR. Bevan replied that the treatment needed was not peculiar to byssynosis, and was already available through the Service. If there were not sufficient facilities available in the Lancashire cotton area (to which Mr. Hale had made reference) he would make further inquiries.

Iodised Table Salt

Dr. Barnet Stross asked the Minister of Health on May 4 if he would give details of the evidence on which he had

reached his decision that the general ion sation of table salt was desirable, an whether he would give figures for the icidence of endemic goitre in Derbyshi and North Staffordshire. Mr. Bevan in plied that he was having the references the main evidence sent to the questione he had had no special recent figure for the two areas mentioned.

N.H.S. Economies

SIR HUGH LUCAS-TOOTH asked the Mir ster of Health what was the new metho to be introduced for administering tl pharmaceutical services more economicall and when the change would be made.

MR. ANEURIN BEVAN: Various measur are under consideration, and if adopte will be announced from time to time.

MR. DODDS-PARKER asked how must the Minister of Health estimated would saved by cutting the allowance to chemis for medicine bottles from 2½d, to 1¼d and how much was being spent on the advertising campaign to encourage recipents of bottles to return them to chemis MR. BEVAN replied that he hoped in a fuyear the saving might be something like million. Expenditure on central a vertising had totalled just under £2,00 MR. MOTT-RADCLIFFE asked the Mir

ster of Health why the decision to reduthe rate of payments to chemists for National Health prescriptions from May had been taken without reference to tl machinery of negotiation provided through the Whitley Council, in view of the fa that the contract between his Departme: and the representatives of the pharmacis provided that the fixing of profit margishould be negotiated through the Whitle Council. Mr. Bevan replied that the matter had been referred to the Whitle Council on March 18, and that negoti tions on the Council were still proceedin He had undertaken to accept whateve percentage reduction was agreed by tl Council or awarded by an arbitrator,

MR. DEEDES asked why chemists had no been given the two months' notice, formerly agreed between his Department at the chemists' representatives, of the proposed changes in their remuneration rate MR. Bevan: I approved the change

MR. BEVAN: I approved the chang after consultation with the Chemists' Contractors' Committee in accordance with the appropriate Regulations,

NEW COMPANIES

GILBERT & Co. Ltd. (P.C.).—Registered Dublin. Capital £3,000. To carry on the business of chemists and druggists, etc. ubscriber's address: 19 Botanic Avenue. Hasnevin, Dublin. First directors are not amed.

WILLIAM C. BLAKE (STRATHAVEN). LTD. P.C.).—Registered in Edinburgh. Capial £1,000. To acquire the business of a hemist and druggist carried on at 13 Freen Street. Strathaven. William C. lake M.P.S., H. Blake and Christina T.

Blake directors

C. F. H. BROAD (CHEMISTS). LTD. (P.C.). Lapital £7,500. To carry on the business f wholesale and retail chemists and drugists, etc.; to acquire the rights in recipes f the manufacture of certain medicines nown as Catarzone. Charles F. H. Broad, M.P.S., and Hilda E. Broad, direcors. R.O.: 41 King William Street, Lonlon E.C.4.

James Woolley, Sons & Co., Ltd. P.C.).—Capital £150,000 in £1 shares, of which £134,100 has been issued and fully paid up. Further capital is to be raised by means of a debenture issue of £250,000 £4 per cent. stock at £99 per cent. ounded in 1796, the business was regisered as a private company in 1895, and is 100 converted into a public company. George S. Woolley, Stanley Watson, Charles K. Faulkner and Leslie H. Boardnan, directors. R.O.: 12 Victoria Bridge Street, Salford.

Commerce International U.K., Ltd.—Particulars filed April 3, pursuant to Section 407 of the Companies Act. 1948. Capital, 1,000 shares of common stock without nominal or par value. Registered in New Jersey, U.S.A., on August 3, 1949, to carry on the business of importers and exporters of and agents for merchandise, including all kinds of oils and chemicals, etc. British address: 25 Dover Street, Piccadilly, London, W.I, where Robert Dimpfl is authorised to accept service of process and notices. Robert Dimpfl, James A. Gray, S. G. Fassoulis, Miran Aprahamian and Maria Couvaras, directors.

Company News

P. H. GALLOWAY, LTD.—Net profit for 1949, before taxation, amounts to £16,242, against £37,606 in the previous year. Ordinary dividend is 10 per cent., compared with 15 per cent. in 1948.

United Glass Bottle Manufacturers, Ltd.—Net group profit for 1949 amounts to £474,479 which includes £5,697 for non-recurring items, and is after payment of £527,439 for taxation. This first-mentioned figure compares with £516,132 in the previous year, when tax charges were £443,786 and non-recurring items totalled £65,064. The holding company's profit for 1949 amounts to £389,501 (against £333,171 in 1948). A final dividend is proposed of 10 per cent. (the same), maintaining distribution for the year on the ordinary stock at 15 per cent.

BUSINESS CHANGES

WARD, BLENKINSOP & Co., LTD., have appointed Mr. S. W. Holden, M.P.S., to be their medical representative in the West Riding of Yorks.

VOKES, LTD., Henley Park, Guildford, makers of filters, have formed a subsidiary company at Toronto, Canada, to distribute the company's equipment in that country.

J. H. Haywood, Ltd., Warser Gate, Nottingham, have opened additional premises opposite their main office, to be used as show and stock rooms for ethical and proprietary preparations.

MOORE MEDICINAL PRODUCTS, LTD., 64 Gloucester Place, London, W.I, have appointed Mr. J. L. Wraight, 8 Boxfield Road, Axminster, Devon, their representative in the West Country.

S. Maw, Son & Sons, Ltd., Barnet, Herts, have appointed Mr. J. B. Schofield, M.P.S., their representative for North Wales, West Lancs and Isle of Man, and Mr. A. L. Murgatroyd for East Anglia.

THE Export Credits Guarantee Department of the Board of Trade has removed its West London and Western District office to Victory House, 99 Regent Street, W.1 (Telephone: Regent o682).

BRITISH SCHERING, LTD., have appointed Mr. D. Howitt, M.P.S., their representative in Leics, Rutlands, Notts, Northants, Warwicks, Lincs and South Staffs, and Mr. F. H. J. Rowley, Ph.C., in Berks, Oxon, Bucks, Herts, Beds and Hants.

MR. J. L. Hammond, M.P.S., took over on May I the pharmacy at 172 Prescot Road, Liverpool, 7, formerly owned by Mr. Myer Daulby. Mr. S. P. Chaytor, A.C.A., 14 Tithebarn Street, Liverpool, 2, will be responsible, as trustee under deed of arrangement, for goods supplied to the business between January 1948 and April 30, 1950.

DEATHS

BARCLAY.—On May 8, Mr. Lindsay Barclay, chairman of directors of Barclay &



Sons, Ltd., 95 Far-ringdon Street, London, aged sixty-three. Mr. Barclay came of a family that had been associated with pharmacy and the drug trade since 1770. father, the late Mr. George R. Barclay, was closely associated with the late Sir William Glyn-Jones in establishing and building

up the Proprietary Articles Trade Association, and the whole of Mr. Lindsay Barclay's working life was spent in the family business at Farringdon Street. After his father's retirement from the P.A.T.A. Council in 1926, he represented his company on the wholesale section of the Council, Later he was elected a vice-president and member of the Executive. Educated at the City of London School, Mr. Barclay held a commission in the 2/15th London Regiment in the 1914-18 war, after passing through the Inns of Court Officers' Training Corps. The cremation was arranged for May 12.

EDWARDS.—At his seaside home at Selsey-on-Sea, Sussex, on May 2, Mr. Herbert Charles Edwards, Sutton, Surrey, aged seventy-six. Mr. Edwards, known affectionately to the trade as "Pa Edwards," was formerly with Allen & Hanburys, Ltd., London, Ayrton Saunders & Co., Ltd., Liverpool, and Boots, Ltd. (for thirty-six years) and was well known in the trade as buyer of sundries and proprietaries. He retired from Boots, Ltd., about fifteen years ago, later setting up in business as H. C. Edwards & Co., Lower Belgrave Street, London, S.W.1. At the time of his death, Mr. Edwards was chairman of British Roto-therm Co., Ltd., London and Nottinghamshire Trust Co., Ltd., and Associated Properties Trust Co., Ltd. During the 1939-45 war he gave his services voluntarily to the British Red Cross as director of medical supplies. He was vice-president, Nottingham Boat Club, a member of the Sutton Bowls and Selsey Golf Clubs, and of the Pax Magna Lodge of Freemasons. He is survived by his widow, one daughter and three sons.

Hatfield.—In a nursing-home at Fay Gate, Sussex, Mr. George William Hatfield, aged eighty-seven. Mr. Hatfield qualified as a chemist and druggist in 1888 and was formerly proprietor of Hatfield & Son, 817 Commercial Road, Limehouse, London, E.14, a business which was founded by his father (the late Mr. G. B. Hatfield). He retired in 1934 and the business was acquired by Boots, Ltd. In 1917-18 Mr. Hatfield was chairman of the London Pharmaceutical Committee and a member of the pharmaceutical services subcommittee, positions he was obliged to relinquish in 1918 owing to a breakdown in health. He was the first chairman of the East London Pharmacists' Association.

Lawson.—In a Manchester hospital recently, Mr. Gavin Lawson, Ph.C., aged forty. A native of Newmilns, Ayrshire, Mr. Lawson served his apprenticeship with Mr. H. Dewar, Main Street. He qualified as a chemist and druggist in 1932 from the Royal Technical College, Glasgow, and passed the Pharmaceutical Chemist examination the following year. He left Newmilns about fourteen years ago, and at the time of his death was a director of Cumming, Parsons, Ltd., Manchester, Glasgow and London.

Tranmer.—On May 2, Mr. Henry Marshall Tranmer, M.P.S., 92 St. Paul's Road. Smethwick, aged eighty. Mr. Tranmer qualified in 1893. He was one of the original members of the Executive of the N.P.U. (then the Retail Pharmacists' Union), and served on it for a number of years. He was in business at 42 and 133 High Street, Smethwick,

Young. — At his home, 4 Deanfield. Londonderry, on April 30, Mr. Hugh Eccles Young, M.P.S.N.I., after an illness of two months' duration. Mr. Young qualified in Dublin, where he spent four years in gaining experience. He was for some time in Omagh before settling in Londonderry in 1906, where he took over the Strand Road business of the late Mr. R. A. Austin. Seven years later he built the present premises and private residence. Mr. Young was a member of Strand Presbyterian Church, Londonderry, but took little part in public affairs. He is survived by his widow, younger son and daughter.

PERSONALITIES

Mr. F. G. Wells (a member of Society's Council) has been reappointed a member of the Middlesex County Health Committee and Mr. R. H. Rowson, Ph.C., has been reappointed to the Executive Council,

Mr. G. Hedderwick, the newly elected chairman of the Edinburgh and South-



Scottish eastern Branch the Pharmaceutical Society, has been in business on his own account in Edinburgh for the past twenty-five years. He is secretary of the Edinburgh Pharmaceutical Committee. for the past year has been a member of the Edinburgh City Council, serving on its Educa-

tion, Children, and Welfare Committees. Mr. Hedderwick qualified in 1923 from the Royal Dispensary and School of Pharmacy, Edinburgh, after apprenticeship with Mr. W. J. Rosie, Edinburgh, and managed a branch for Mr. Joseph Waters in Darlington for two years before opening his own pharmacy in Edinburgh.

PROFESSOR RENE FABRE, who has been elected an honorary member of the Phar-



maceutical Society (see page 596), is Dean of the Faculté de Pharmacie of Paris, and a member of the French Academy of Medicine. Born in Annecy in 1889, he undertook pharmaceutical a n d scientific studies simultaneously in Paris. He graduated in science in 1911, two years after having taken

first place in the Concours de l'Internat des Hôpitaux, whose gold medal he holds. After the 1914-18 war, Professor Fabre was appointed pharmacist to the hospitals of Paris and assistant in toxicology at the Faculté de Pharmacie. He undertook organic chemical research, and took his Doc-

torate in Science in 1922. He also carried out work on fluorescence, ultra-violet absorption, ph, oxidation and reduction, and applied the experience he had acquired in chemistry and physics to biological chemistry and toxicology. His reputation in the scientific field led him to the Academy of Medicine in 1941 and to the Academy of Pharmacy, of which he has been secretary-general since 1946. During the past twenty-five years, M. Fabre has been editor-inchief and secretary of the Société de Chimie Biologique. He is vice-president, International Pharmaceutical Federation.

Mr. Leonard Long, Ph.C., M.P.S. (Australia), J.P., president of the Pharmaceutical Society of Victoria,

who is the Australian delegate the British Pharmaceutical Conference Glasgow, already attended meetings of the Councils of the Pharmaceutical Society, Proprietary Articles Trade Association. and other bodies. Α member of the Council of Pharmaceutical Societies



of Australia, Mr. Long also represents Tasmanian pharmacy on the Pharmaceutical Public Relations Secretariat Committee. Both bodies have been active in assisting the Pharmacy Guild (the negotiating and contracting body) to safeguard the status of pharmacists under the Commonwealth Health Scheme in face of proposed changes. During the war, Mr. Long was a member of the State Chemical Warfare Advisory Council. He was instrumental in securing the inclusion of pharmaceutical chemists as gas identification officers in the Australian emergency services He has been a Victorian delegate to the post-war conferences at Adelaide, Perth and Hobart of the Pharmaceutical Association Australia and New Zealand, and hopes to see representatives of overseas organisations at the Conference to be held at Brisbane in May 1951. He aims to bring about closer liaison between the pharmaceutical organisations of Great Britain and Australia, particularly in relation to education and national health services.

PROPRIETARY ARTICLES TRADE ASSOCIATION

Alterations to Protected List (Part 1).— Crookes Laboratories, Ltd., Crookes vitamin-quota capsules, 28's, 28s. doz., 3s. 6d.; 100's, 84s. doz., 10s. 6d. (exempt). Carriage is now charged on all orders for Crookes preparations under £2 gross.

Additions to Protected List (Part 1).—Reckitt & Colman, Ltd., Disprin, 8's, 5s. 2d. doz., tax 33\frac{1}{2} per cent., inclusive retail price 9d. Dettol antiseptic, "C" size, 16s, 1d. doz., tax 33\frac{1}{2} per cent., i.r.p. 2s. 4d.; dispensing packs, 2 gall., 27s. each, 30s.; 5 gall., 62s. 6d. each, 72s. 6d. Dettol obstetric cream, 1-lb., 36s. doz., 4s.; 7-lb., 168s. doz., 17s. 6d. Disprin, 9s, per carton (all exempt).

William R. Warner & Co., Ltd., Gelusil, 250 (dispensing pack), 114s. doz. (medical profession, 11s. 6d. each) (exempt).

Pharmaceutical Laboratories, Geigy, Ltd., Parpanit tablets, 0.00625-gm., 100, 108s. doz., 12s.; 500, 450s. doz., 50s. (exempt). Parpanit Forte tablets, 0.05-gm., 50, 135s. doz., 15s.; 250, 603s. doz., 67s. (exempt). Siogen dragees, 20, 16s. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s. 6d.; 100, 60s. doz., tax 33\frac{1}{3} per cent., i.r.p. 9s. 2d. Steroxin ointment, 1-0z., 24s. doz., tax 33\frac{1}{3} per cent., i.r.p. 3s. 8d.; 4-0z., 72s. doz. tax 33\frac{1}{3} per cent., i.r.p. 11s. Tromexan tablets, 10, 216s. doz., tax 33\frac{1}{3} per cent., i.r.p. 30s.; 100, 1,728s. doz., tax 33\frac{1}{3}, i.r.p. 240s.

Additions to Protected List (Part 2). Eugene Rimmel (England), Ltd., Beauty cake, small, 19s. doz., tax 100 per cent., i.r.p. 4s.; refills, 12s. doz., tax 100 per cent., i.r.p. 2s. 6d.; lip-fashion pencil, 31s. doz., tax 100 per cent., i.r.p. 6s. 6d.; eyebrow pencils, 8s. 3d. doz., tax 100 per cent., i.r.p. 1s. 9d.; nail-white pencils, 8s. 3d. doz., tax 100 per cent., i.r.p. 1s. 9d.; twoin-one all-purpose cream, 2-oz., 18s. doz., tax 100 per cent., i.r.p. 3s. 9d.; 4-oz. 29s. 3d. doz., tax 100 per cent., i.r.p. 6s. 3d.; Cologne Anglais, 2-oz., 28s. 6d. doz., tax 100 per cent., i.r.p. 6s.; 4-oz. 198. doz., tax 100 per cent., i.r.p. 108. 3d.; 8-oz., 79s. doz., tax 100 per cent., i.r.p. 16s. 6d.; Cologne Royale, 2-oz., 41s. 9d. doz., tax 100 per cent., i.r.p. 8s. 9d.; 4-oz. 73s. doz., tax 100 per cent., i.r.p. 15s. 3d.; 8-oz. 129s. 6d. doz., tax 100 per cent., i.r.p. 27s. 6d.; French Lavender, 2-oz., 32s. 6d. doz., tax 100 per cent., i.r.p. 6s. 9d.; 4-oz., 54s. doz., tax 100 per cent., i.r.p. 11s, 3d.; 8-oz., 98s. 6d. doz., tax 100 per cent., i.r.p. 20s. 6d.

Wright, Layman & Umney, Ltd. (orices in Eire), Coal-tar shaving soap, stick in plastic container, 14s. doz., 1s. 9d.; refill, 12s. doz., 1s. 6d.; coal-tar shampoo powder, loose, 4s. 3d. doz., 6d.; shaving creata, tube, 18s. 6d. doz., 2s. 3d.; talcum powder, 12s. doz., 1s. 6d.

Crystal Products Co., Ltd., Outdoor Girl handkerchief tissues, 8s. doz., 1s. (exempt). Henry C. Miner, Ltd., Dream face (foundation and powder compact) 12s. doz., tax 100 per cent., i.r.p. 2s. 6d.

Pin-Up Perm Wave, Ltd., junior outfit, 24s. 6d. doz., tax 100 per cent., i.r.p. 5s.

Pond's Extract Co., Ltd., Angel Face, 18s. doz., tax 100 per cent., i.r.p. 3s. 6d. R. J. Reuter Co., Ltd., 4711 Series. Matt-Creme, tube, No. 5058, 6s. doz., tax 100 per cent., i.r.p. 1s. 2d.; Famous Rhine lavender talcum, 9265, 15s. doz., tax 100 per cent., i.r.p. 3s.; Ascot toilet talcum, No. 9300, 22s. 6d. doz., tax 100 per cent., i.r.p. 4s. 6d.; Sir after-shaving lotion, No. 9885, 21s. 6d. doz., tax 100 per cent., i.r.p. 4s. 3d.; No. 9886, 15s. doz., tax 100 per cent., i.r.p. 3s.; liquid shampoo (soapless), No. 4560, 15s. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s. 3\frac{1}{2}d.; No. 4561, 9s. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 4\frac{1}{2}d.; Sir lathering shaving cream, 4760, 14s. 3d. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s.; 4765, 17s. 6d. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s.; 4765, 17s. 6d. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s.; 4765, 17s. 6d. doz., tax 33\frac{1}{3} per cent., i.r.p. 2s. 4711 toilet soap, 3 oz. tablet, 88/59/12, 7s. 2\frac{3}{4}d. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s.

Horlicks, Ltd., Horlicks No. 3, 115s. 2d. doz., 12s.; Horlicks tablets, 7s. 2d. doz., retail price, 9d. (exempt).

Voltas, Ltd., Voltas, 30-oz., 13s. 9d.

doz., price 1s. 6d. (exempt).

Luft-Tangee (London, Ltd.) (Agents: J. C. Gambles & Co., Ltd.), Tangee lipstick refills, large, 16s. 9d. doz., tax 100 per cent., i.r.p. 3s. 6d.; face powder, large, 36s. doz., tax 100 per cent., i.r.p. 7s. 6d., medium, 20s. doz., tax 100 per cent., i.r.p. 4s. 3d.; rouge, large, 36s. doz., tax 100 per cent., i.r.p. 7s. 6d.

per cent., i.r.p. 7s. 6d. Ridge's Food, Ltd., Ridge's food, malted or plain, 1 lb., 23s. doz., 2s. 6d. (exempt). Chesebrough Manufacturing Co., Ltd. Vaseline liquid shampoo, 8s. 6d. doz., tax

33\frac{1}{3} per cent., i.r.p. 1s. 3d.; Channel Islands, 8s. 6d. doz., 1s.

Alterations to Protected List (Part 2). Genatosan, Ltd., Genozo tooth paste, new family size, 14s. doz., tax 33\frac{1}{3} per cent. i.r.p. 2s. (replaces 1s. 3d. size).

TRADE NOTES

Change of Product Title.—Allen & Ianburys, Ltd., Bethnal Green, London, 1.2, announce a change in name of their peciality Befolin to Vibetone.

Advertiser's Address.—The address of facdonald & Son, Ltd., is Bradford Road fills, Manchester, 4, and not as stated in recent note in these columns.

New Packings.—B.G.P. Cosmetics, Ltd., 7 Chesham Place, London, S.W.I, state 1 to from May 10, Lipcote ("for smearroof lipstick") is being issued to wholealers in a newly designed bottle and lithoraphed carton.

Bonus Offer.—On other pages in this sue is outlined a bonus offer of Quickan by the manufacturers, Colloidal Chenists, Ltd., London, S.W.I. Distribution through Thos. Christy & Co., Ltd., 10 ear Lane, Farnham, Surrey. Show marrial is available.

Not Yet Scheduled.—Parke, Davis & o., Ltd., Staines Road, Hounslow, Midlesex, state that the application of new oisons regulations (which would have laced Benadryl in Schedules 1 and 4) has een delayed. For the time being the peciality is not subject to any form of ontrol under the poisons legislation.

A New Analgesic.—Clinical Products, td., Richmond, announce the introducon of Dormiprin tablets, a new sedativenalgesic containing carbromal, bromvaleme and aspirin, alkalised with magneum oxide. The tablets are available
rough wholesalers or direct from the sole
istributors in the United Kingdom,
foore Medicinal Products, Ltd., 64 Glouester-Place, London, W.I., and Aberdeen.

Local Press Advertising. — Rentokil, td., School Lane, Fetcham, Leatherhead, urrey, announce that a local advertising ampaign for Rentokil timber fluid and oth-proofer is in operation in the counces of Wilts, Dorset, Devon, Somerset and ornwall, and in the areas of Brighton, Vorthing, Shoreham and Eastbourne. ffective display boards are available from the manufacturers to stockists prepared to twe window displays to the two products tentioned.

Perfume Spray Repairs. — Vaughan zekely & Co., Ltd., 58 Broadwick Street, ondon, W.I., undertake to repair perfume prays, including obsolete models. Mr. ugene Szekely, a director, is one of the ldest perfume-spray manufacturers in

Europe, and formerly had a factory in Czechoslovakia with 280 hands: it has now been nationalised without compensation. Manufacture has commenced in London in a small way, as the materials needed are in short supply.

Hormone Preparations.—Roussel Laboratories, Ltd., 4 Golden Square, London, W.I, announce the introduction of Amenorone, a compound tablet containing ethisterone, 10 mgm., and ethinyl æstradiol, 0.01 mgm., for the oral treatment of amenorrhæa, and of Barboestryl, a compound tablet containing ethinyl æstradiol, 0.01 mgm., papaverine, gr. 4, and phenobarbitone, gr. 4, for the treatment of menopausal disorders. Literature is available on request.

Printer's Errors.—By mischance a line from a paragraph "Toilet Sponges" in these columns last week was wrongly inserted in a paragraph "On Visit to U.K." and vice versa, rendering both paragraphs unintelligible. The sole agents in Great Britain for Enka sponges are Macwill & Co., Ltd., 7 West Road, Kingston-on-Thames, Surrey. On a visit to Britain is Mr. H. N. Nicholls, a director of Smith, Stanistreet & Co., Ltd., 18 Convent Road, Entally, 14, India. He may be communicated with c/o the British India Corporation, Ltd., 1 Devonshire Square, Bishopsgate, London, E.C.2.

Invalid Feeding-cups.—Martin Russell, Ltd., 36 Camomile Street, London, E.C.3.

are manufacturers of the Doidy feeding cup for invalids and children illustrated. The cup is available in (a) unbreakable plastic material or (b) earthenware. The plastic cup will be



available on the home market in a few weeks' time (present production is going overseas); the earthenware cup has been specially made in response to requests from hospitals. The advantages of the feeding cup are that an invalid may use it without raising his head from the pillow; the flow is easily regulated and the level of liquid visible. A child using the cup can drain it without tilting the head; the rim remains clear of the forehead and the elliptical rim controls the flow.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on May 2 and 3, Mr. H. C.

Shaw in the chair.

The President reported with regret the death of Mr. A. R. Melhuish, a member of Council for thirty-one years and a past-president of the Society. He referred to Mr. Melhuish's great interest in the publications of the Society, his work as chairman of the Establishment Committee in connection with the Brunswick Square building, and for the Education Committee. Mr. Melhuish, he said, was "an outstanding character in pharmaceutical history." Mr. F. G. Wells paid tribute to the way in which Mr. Melhuish had expended time and ability on seeing that the pharmacist had a square deal under the National Health Insurance Act from its inception. The Council stood for a minute in tribute to his memory.

The Secretary reported that thirty persons had been registered since the previous meeting, making 184 for the year. Twelve persons had been successful in the Diploma in Biochemical Analysis examination. It was agreed to accept nine applications for registration under reciprocity agreements and two under the by-law applying to

foreign pharmacists.

It was resolved to enrol Mr. J. W. Dilling and Professor René Fabre (see p. 593) as honorary members of the Society.

"Interesting" Finances

Treasurer, in presenting the minutes of the Finance Committee, said the financial statement showed an interesting situation. The total income for 1949 had increased over that of 1948 by £76,874, and expenditure was up by £61,300. Those increases were largely the result of the new publications, in particular the Codex. Great credit was due to the Publications Department for their efforts, and the Codex had realised a large surplus over the amount anticipated. Sales of other publications were satisfactory. Bearing in mind the cost of revision of the Society's publications, which had gone on since 1934, the sum of £33,000 was being transferred to a Scientific Publications Revision Reserve to support the continuance of the work. Dr. Capper had hitherto been dependent largely on the voluntary work of his colleagues and on using other laboratories. The Council had realised that the Department should have a properly

equipped laboratory for the work so soon possible and must not suppose that the surplus was a recurring item Among increases in expenditure that reflected improvements develop and ments undertaken by the Council was one of £1,120 over the previous year's expenditure on the Library. In administrative costs there were moderate increase: of £2,747 for headquarters and £641 for the Scottish Department. Examination figures were £2,463 above the 1948 figure but the cost of the examinations had in creased by £3,151. Income from registra tions as apprentice or student was down by £575. A note of warning was neces sary on account of recent heavy increase in rent, which would doubtless be followed by increased rates.

The picture under Benevolence was heart ening. The new Fund, started in 1940 had made a good start by receiving £2,447 in subscriptions and donations, as a result o which it had come to the Benevolent Fund for a grant of only £1,250, against £3,73! in the previous year. Some seven hun dred fees of covenant had been entered into, and the Birdsgrove House Fund wa likely to become self-supporting. Othe charitable funds had not suffered in 1949 Demands on the funds fluctuated from year to year, and were somewhat less it 1949 than in 1948. Thanks to the con tinued generosity of members, the Benevo lent Fund Committee was in no way ham pered in its work. From the balance shee it would be seen that the Fund had re ceived a further £11,614 in legacies during the year. The charitable funds now contained assets of over £156,000 to sup port the Society's charitable work amon members and their dependants. General and Premises Funds had been con siderably modified by the sale of the Bruns wick Square building in September 1949 The proceeds, after discharging the mort gage, had been transferred to the Premise Fund, together with £40,000 representing the unused portion of the loan hithert held jointly by the Society and the mort gagees. The position of the General Funhad therefore been much simplified. Ther were no longer any capital commitments Current creditors were no more than cui rent debtors, and the reserve of £30,00 and accumulated fund of £29,000 wer covered by tangible assets, of which £30,60 was in cash. In the Premises Fund wa

ome £376,000 available for the purchase and equipment of the new headquarters o soon as circumstances permitted. To um up, the General Fund showed a surplus of £4,853 after transferring £15,000 o the Premises Fund. In a year when here had been many disturbing factors nationally, the Society had had a satisfac-ory year financially, with steady develop-nent in the face of rising costs and an ncreasing flow of needs for benevolent purposes, together with the consolidation of apital resources in preparation for another move forward. Thanks were due o the honorary auditors of the Society for heir diligent and methodical work and or bringing fresh light to bear on its inancial problems.

The minutes of the Finance Committee were received, with the exception of a sec-ion dealing with the appointment of agents to seek a new site for a headquarers building, which was held over.

THE PRESIDENT said it was doubtful whether the Society would ever have a better financial statement, and it showed a very creditable state of affairs.

Branch Stationery

Mr. Reid presented the minutes of the Organisation Committee, and formally moved a resolution calling upon the Publications Committee to submit a report on the request for a standard form of heading for Branch stationery. Mr. F. G. Wells seconded the motion, which was approved. Mr. Wells said there had been some complaint about bad attendances at branch meetings, much of which had been due to the way notices were sent out -sometimes on plain writing paper with no headings.

THE TREASURER asked whether the ruling that a student-associate who had been appointed a representative to attend the Branch Representatives' meeting must attend only as a visitor meant that a studentassociate might go to Branch Representatives' meetings but had no vote. MR. REID replied that that was so. He might speak by permission of the chairman.

The minutes of the Committee were

received.

Mr. A. A. Meldrum presented the minutes of the Education Committee, which were received. Mr. T. HESELTINE expressed the hope that there would be no delay in discussing the establishment of a school of pharmacy in the Leeds College of Technology in view of the urgent need for such a centre. It was common knowledge, he said, that Leeds was planning a large technical college and they were anxious to devote part of the building to pharmacy. The Chairman said the matter would be further considered.

The report of the Education Committee stated that since the previous meeting six applications from pharmacies in respect of practical training had been granted. Approval was also granted to two hospitals and, subject to completion of equipment, to a health centre. Miss M. C. Islip expressed regret that in one instance approval was being granted to an institution without its first being visited. She had no reason whatever to think that the conditions there were not suitable, but raised the matter on a point of procedure. The Chairman said he would agree that the approval given be made subject to the receipt of a satisfactory report.

Additions to Poisons List

The Law Committee, having noted proposed additions to the Poisons List, recommended that representations should be made to the Home Office with the object of obtaining more information on the specific terms of the proposed changes so that their implications may be fully considered. The recommendation was approved by the Council.

Miss M. A. Burr presented the minutes of the Benevolent Fund and War Aid

Committee, which were received.

Photo-copy Extracts from Books

The Establishment Committee considered a suggestion from the Council that photo copies of extracts from reference books in the Society's library might be supplied free to members in the provinces in cases where the book itself was irreplaceable and could not, therefore, be allowed to leave the library. It was pointed out that it is the practice among libraries to make a charge, varying in amount, for photo-copied mate-The Committee authorised such charge to be made as was necessary to meet out-of-pocket expenses, subject to a limit of sixpence for each page of reproduced matter. In the discussion of the establishment Committee's report, Mr. H. STEINMAN remarked that the time factor was obviously important. It was stated in reply that the reproduction of such copies would probably be expedited when, at a suitable time, the library acquired equipment for carrying out the work in the office. The minutes were received.

ANNUAL MEETINGS AND OFFICERS

Bristol Branch.—At the annual meeting of the Bristol Branch of the Pharmaceutical Society held on April 19 the following officers were elected:—Chairman, Mr. G. H. Darling; Vice-chairman, Mr. R. H. G. Edwards; Secretary, Mr. E. Lloyd, Chamber of Commerce, Guildhall, Small Street, Bristol; Treasurer, Mr. W. J. Davis. It was decided that the Branch should support the candidature of Mr. W. Cooper in the forthcoming Council election. It was also suggested that members should give favourable consideration to the candidatures of Mr. E. T. Griffiths, Cardiff; Mr. J. L. Goulder, Cheltenham; and Mr. A. G. M. Madge, Plymouth.

Glasgow Branch.—At the annual meeting of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society on April 12, the chairman (Mr. S. Hughan) presided and presented the annual report. Branch membership, he said, had increased during the year, and attendances had been excellent. Prizes were awarded to the following students of the school of pharmacy of the Royal Technical College:—James Taylor prizes (first-year degree course), Mr. W. Anderson; (third-year degree course), Miss P. Somerville; (Chemist and Druggist Qualifying course), Mr. J. Hutchison. Kinnimont prize, Mr. J. Kemp; Evans prize, Mr. J. L. Livingstone. As the Branch prize fund had reached £300, the chairman suggested that the Committee should approach the College on the matter. The following officers were elected or re-elected:—Chairman, Mr. S. Hughan; Vice-chairman, Mr. S. G. Home; Secretary and Treasurer, Mr. Andrew Officer, 440 St. Vincent Street, Glasgow, 3.

Bebington Association's First Birthday.—The secretary of the Bebington and Mid-Wirral Chemists' Association (Mr. J. Gaulter), in presenting his first annual report, said that the Association's first object—that of establishing a rota system—had been achieved. The Association had kept in touch with the Cheshire Executive Council and had endeavoured, with some success, to speed up payments. That was not a bad record for the first year, considering that the Association had no official standing. Another objective remained important to all pharmacists in Wirral outside Birkenhead, Wallasey and Chester—that of representation on the Pharmacutical Committee—it could not be obtained during the year. An election was

due in 1951, and it was hoped the Association would be able to place a representative on the Committee then. During the year, the Association had held eleven meetings, at which there had been a 75 per cent, average attendance. The following officers were elected for the forthcoming year:—President, Mr. E. A. Hebron; Vice-president, Mr. G. S. Knowles; Treasurer, Mr. J. Hulse; Secretary, Mr. A. Broadwell, 50 Town Lane, Bebington, Cheshire.

Edgware Meeting and Protest. - Mr. F. C. Wilson (a member of the Council of the Pharmaceutical Society) was the chief guest at a dinner held by the Hendon and Edgware Branch of the Society, and local Pharmaceutical Association, at Hendon, prior to their annual meeting on April 24. Mr. Wilson pointed out that, contrary to prevalent suggestions, the number of entrants to the profession was higher now than at the end of the war. The rate of entry during the first three months of 1950 indicated that during the present year about 200 more students would enter the profession than entered annually on average in the years preceding the war. Under the present educational system, students could become Pharmaceutical Chemists by the time they were twenty-one if, for example, they obtained the Higher School certificate, then took the Pharmaceutical Chemist course, and finally their year's practical training. Among the other guests present were: Messrs. A. Aldington and A. E. Footitt (chairman and secretary, North Metropolitan Branch); Mr. J. M. Atkinson and Miss D. I. Morgan (chairman and secretary, Harrow Branch); Messrs. J. K. Westerman, E. C. Meredith, F. E. Dee (chairman, past-chairman, and secretary, Wembley Branch); H. R. Nightingale (chairman, Enfield Branch); and Dr. T. E. Wallis (honorary vice-president of the Edgware Association). At the annual meeting the following officers were elected: Branch Chairman and Association President: Mr. G. R. A. Short; Vice-president: Mr. B. Nokes; Treasurer: Mr. S. I. Cooper; Secretary: Mr. S. E. Beaton, 17 Parkside Drive, Edgware, Middlesex. Members afterwards discussed the Ministry of Health's proposed cuts in oncost on National Health Service dispensing and sent a unanimous resolution of protest to the National Pharmaceutical Union Executive pledging the Executive its support in its forthcoming fight.

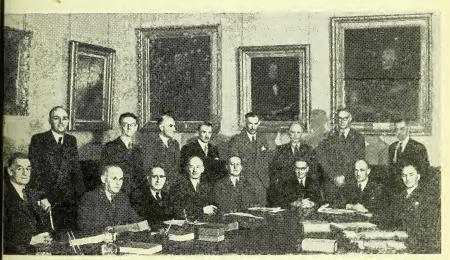
VETERINARY ABSTRACTS

Hard Pad Disease Treated by Drug.—
n "almost spectacular" effect is recorded
Singleton and colleague ("Veterinary
ecord," 1949, 61, 826-28) in the treatent of certain cases (especially the early
les) of hard pad disease in dogs with
injection of C.F.9, a drug whose
mposition is as yet undetermined. In
te stages the effect was doubtful, and
e drug was useless in cases with severe
rvous complications.

Benzene Hexachloride in Mange. ander ("Veterinary Record," 1949, 61, 19-28) finds the use of a spray conining a suspension of benzene hexaloride 0.25 per cent. (equivalent to 031 per cent. of the gamma isomer) uniformly satisfactory" in the treatment cattle mange. Where early diagnosis as possible, one treatment produced imediate clinical recovery, but for general e two treatments appeared desirable.

Sheep Poisoned by Sorrel. — Coward Veterinary Record," 1949, 61, 765-66) cords cases of death among sheep in Devon that had eaten sorrel in a field containing it "almost literally to the exclusion of all other plants." Symptoms varied from inability to control movements in the early stages to prostration followed by death. The symptoms were consistent with those described for oxalate poisoning, the species of *Rumex* being known to contain oxalates.

New Intravenous Anæsthetic.—On the result of the use of β -naphthoxyethanol (Anavenol) in 24 cases Berger ("Veterinary Record," 1949, 61, 814-15 describes the drug as "the most satisfactory anæsthetic at present available" for short-duration surgery in the horse. The substance is administered as a suspension, preferably by a syringe, intravenously, and a dosage level of 0.028 to 0.044 gm. per kilo was found to give satisfactory anæsthesia. Recovery was quiet, animals being fit to return to the box in fifteen to thirty-two minutes from the beginning of injection, and no unsatisfactory sequelæ were observed.



OWARDS A VETERINARY CODEX.—The Pharmaceutical Society's Veterinary Codex Committee (See .. & D., April 15, p. 467) photographed at its first meeting recently. Seated: Messrs. R. F. Montgomerie, h.D., B.Sc., F.R.C.V.S. (deputy-chairman); H. Clement Shaw (president of the Pharmaceutical Society); rofessor T. Dalling, M.A., M.R.C.V.S.; Messrs. G. Hall, M.P.S.; H. G. Lamont, D.Sc., M.R.C.V.S.; J. Dyer, Ph.D., Ph.C., A.R.I.C.; J. W. Bruford, M.R.C.V.S.; J. P. Byron, M.P.S. Standing: Messrs, C. R. Capper, Ph.D., B.Pharm., Ph.C.; R. G. Todd, M.P.S.; J. Carmichael, D.Sc., M.R.C.V.S., Dip.Bact.; .. G. Anderson, M.R.C.V.S., D.V.M.; R. Neal-Morris, M.R.C.V.S., M.P.S.; F. Knight (general secretary) autional Veterinary Medical Association); F. W. Adams, Ph.C. (a secretary and the registrar of the 'harmaceutical Society; and W. K. Fitch, M.P.S. (manager, publications department of the Society).



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Financial Fair Weather

LIKE a certain character in a P. G. Wodehouse school story, who was described as "basking in the luxury of unaccustomed pocket money," the Council of the Pharmaceutical Society finds itself in the unusual position of having a substantial excess (about £15,500) of income over expenditure for the year. The president went so far as to say it was doubtful whether a better financial statement had ever been issued by any treasurer of the Society. The surplus has been mainly the fruit of sales of the Codex, though "other publications" have contributed. Examinations brought in in fees £688 less than they cost, and there was a "moderate" increase (totalling £3,388) in the cost of administration, "increases reflecting improvements and developments" in the library (£1,120), scholarships (£862) the museum (£448) and organisation (£273).

The treasurer is to be congratulated on adopting the prudent policy of transferring £30,000 to a newly established "scientific publication revision reserve." He is no less to be commended for warning his colleagues that the Codex can hardly be expected to be so remunerative next year, and that an increase in premises rating may be expected to follow the recent increase in the rent of the Society's headquarters. Members will, with the treasurer, receive encouragement from the fact that the Birdsgrove House Fund is likely to become, in a short time, selfsupporting without any detriment to the normal functions of the Benevolent Fund, and that there are no longer any capital commitments under the General Fund.

A hint of "consolidation of capital resources in preparation for another move forward" was less reassuring. What move? Surely not another venture such as the one from which the Society only so recently extricated itself. It should take more than one good year to turn the Council's thoughts in that direction.

A New Home for Medical Research in Britain

As one of the major influences nationally and on a world scale in the progress of medical science, the National Institute for Medical Research requires to be housed in such a way that no impediment is placed on its extension in a rapidly expanding field of research. The new building (see pp. 604-05) enables this need to be met, at least for some years ahead.

It is noteworthy that chemotherapy alone has undergone an expansion that has been largely the occasion for constructing the larger buildings. In that field many classical contributions have been made by workers at the Institute. King and colleagues, for example, contributed important discoveries to the chemotherapy of trypanosomiasis and malaria, and laid the foundation for developing stilbamidine as a chemotherapeutic agent in kala-azar. With Rosenheim, King helped also to clarify the structure of the steroids, while another team isolated calciferol and identified it as the antirachitic substance produced by the irradiation of ergosterol. The use curare and similar drugs in surgery owes its origin to chemists and pharmacologists at the Institute.

The field of virus study was opened by the identification there of dog distemper as a virus disease, followed by isolation of the influenza virus by Laidlaw, Andrewes and Smith. On the physiological side, the work of the first director (Sir Henry Dale) on subjects including anaphylaxis and the chemical transmission of nerve impulses gained for him in 1936 the Nobel Prize for Medicine. New fields of investigation require new tools of discovery. Among the notable physical work conducted at the In-

stitute, new techniques in electron and ultra-violet microscopies, and the use of radio- and stable isotopes, are prominent. By associating the new techniques with the traditions of the past the Institute is providing convincing evidence that it will continue to occupy a leading place in the progress of medical research.

Intermediaries

Considering the circumstances in which the Committee on Intermediaries was set up in February 1949 (as an outcome of the Lynskey tribunal), its recently issued report has put in a surprisingly good word for the "contact man or intermediary (a word we prefer both as more precise and as being incorporated in our terms of reference)."

In fact, "it became clear to us, as we studied the evidence, that with so complex a system some form of skilled and knowledgeable assistance is widely felt to be needed in dealing with individual cases. We think that neither the Departments nor individual firms and members of the public realise how great the demand is for such assistance." So perhaps in the future, when the demand becomes realised, we may expect a new category of occupations to appear in the "Situations Vacant" columns of newspapers.

The Committee began by examining the field in which, in theory, the intermediary might be expected to appear, surveying it first as it appears to Departments administering the complex system of controls and permissions by which government is today carried out, and next through the eyes of those who have to make applications to Departments. The findings suggested a classification of Departments into three groups:—(a) Those that have incorporated representation of the industries concerned into their administration system (e.g., the Ministry of Agriculture). (b) Those that exist to give service to individuals, and in consequence have decentralised organisation and make special efforts to explain to the public what are their rights (e.g., the Ministry of Labour), (c) Those that control supplies or services for which applicants compete with one another (e.g., Board of Trade, Ministry of Food).

In the third category, the enormous number of applications handled makes it inevitable that each is dealt with, in the first place by junior officers, to whom must be assigned a wide variety of technical subjects in which they "cannot possibly be as expert in the technicalities as the applicants themselves." That fact demands "constant and continual overhaul of the machinery." There is an obvious risk that applicants may be tempted to try to influence the action of officials by improper means, "especially where there is a great disparity between the amount involved in the application and the remuneration of the officer dealing with it."

Nevertheless, "we should deprecate any action aimed at reducing the risk of undesirable intermediary activity if it were to have the effect of impeding liaison between Government Departments and industry . . . The more facilities there are whereby the objectives of Government policy and the administrative effects of Government Departments can be explained to the public, the better. Conversely, the more facilities there are whereby the needs and difficulties of the public in the application of controls can be brought home to Government Departments, the better."

In dealing with Government Departments the big firm is at an advantage over the small. Large organisations have more frequent contacts and are able to maintain staffs for such purposes. An application from a small firm "will receive scrupulously fair attention, just as a litigant appearing in person will receive a scrupulously fair hearing from a judge. But in either case the applicant will suffer the lack of skilled help in the preparation and presentation of his case."

Trade associations perform valuable intermediary functions (usually regarded, however, as quite secondary to their main function of advising on policy). A few applicants turn to private intermediaries, but at present "relatively quite a small number of matters are handled by these persons." In fact, trade bodies such as the Federation of British Industries and Association of British Chambers of Commerce were unaware of any person practising as a specialist in such work.

Yet, says the report, private interediaries do exist. Most of the informaon about them came from Government epartments (the Board of Trade, for cample, named eight). They act for gain, it only one is known to act whole-time. he Committee is "not satisfied that these tivities are on such a scale as would stify any general restriction." It recomends that constant efforts should be ade to facilitate access by applicants to overnment departments; that all publity, information and explanatory material ould be drafted from the point of view the outsider, so as to make things easy as possible for him; and that herever a Department has reason to supse that a person making an application representation on behalf of another, and ho is not a member of a recognised profeson acting as such, is acting for reward, should be invited to declare the capacity which he is acting. It should be open the Department to refuse to conduct usiness through him.

lore on Deoxycortone-Vitamin-C

NCE the report by workers in Sweden in ovember 1949 of the treatment of rheuatoid arthritis with vitamin C and devocortone (a much cheaper and more adily available substance than cortisone done from which Kendall had preously reported success), many conflicting pinions have been published.

Two Glasgow doctors who have made study of the method since November 949 ("Lancet," 1950, 258, 708-09) are ot convinced that the two substances in ie recommended doses are "of any value the treatment of rheumatoid arthritis." hree of their patients who reported some abjective improvement continued to do so hen, having been selected as controls, ley were given sterile physiological saline lution instead, unknown to themselves. he authors point out that in rheumatoid rthritis spontaneous remissions are comion—usually subjective and of variable uration. As for speculation about the echanism of action of the treatment, they ggest that, in view of the wide differnces of opinion of its value, it is "to say ie least, premature."

Kersley and co-workers at the Royal National Hospital for Rheumatic Diseases, Bath (ibid., pp. 703-08), go even further by deprecating "the promiscuous use at present of deoxycortone acetate and ascorbic acid." Their finding was based on a study of forty-two cases, in only four of which did they find an improvement that was maintained for more than forty-eight hours. Kersley has since joined with eleven other workers in a letter to the "British Medical Journal" (April 29, p. 1006) saying that, from observations on a total of 172 patients in Britain and U.S.A., the writers are agreed that the treatment is of "no significant benefit" in rheumatoid arthritis.

N.H.S. IN LIVERPOOL

THE cost of the National Health Service in Liverpool during the year ended March 31 was £2,684,000 (£871,000 more than anticipated). Pharmaceutical services cost £729,000, against an estimate of £419,000. At the meeting of the Executive Council on April 14 eleven pharmaceutical cases were discussed and the decisions of the pharmaceutical services committee upheld. Penalties were imposed of £2 on one contractor for carelessness in dispensing, and of £1 on another in respect of a prescription dispensed without proper supervision,—At a meeting of Liverpool Chemists' Association and branch of the Pharmaceutical Society recently, ALDERMAN W. J. TRISTRAM gave a talk entitled "The National Health Service, Viewed from a Different Angle." Parliamentary and Press criticism of the N.H.S. was that it was costing too much. A good deal of the criticism was justified, and he thought that the Government would have to do something about One or two professions might get a cut in their remuneration, but he did not think that the cut would be applied to They had had the container allowance cut, and the fees now being paid were not higher, and were in many cases lower, than were charged for private dispensing before the war, when the cost of living was much lower. Referring to the proposal to permit certain advertising of pharmaceutical services he said that it was impossible to justify such publicity in respect of the pharmaceutical service since it was not permitted in any other branch of the Service.—Attendances at the Liverpool Dispensaries in 1949 were 36,509.

NEW MEDICAL RESEARCH LABORATORIES

THE new building for the National Institute for Medical Research at Mill Hill, London, N.W.7, was opened on May 5 by the King, who was accompanied by the

Queen.

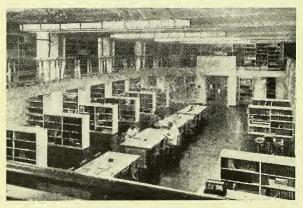
The Institute, the largest research establishment of the Medical Research Council (see C. & D., 1948.I.280), now occupies the largest building of its kind in the Commonwealth. Previously it had been housed at Mount Vernon Hospital, Hampstead, London, since 1920. In 1936 the demands of research, especially in chemotherapy, necessitated plans for more spacious accommodation. Work on the new building was begun in 1937 on an estate owned

by the Council at Mill Hill, and by 19. the outer shell was complete. The or break of war, however, interrupted co struction, and from 1942-46 the buildi was loaned to the Admiralty, for who it served as a W.R.N.S. training depôt. equipment now almost complete, the I stitute building accommodates eighty-five qualified research workers (t full capacity is 100) and about twice th number of technical assistants. It consi of a central block with two obliquely wings at each end-an arrangement th provides excellent light in all the roor The centre block is seven stories high, a the total area of the working space in t

building approximate go,ooo sq. ft. Fluoresco approximate lighting is used in the roo and laboratories, and services include pressi water, steam, compress air, and direct-current eltrical supply at various vo ages. Among the outly buildings are animal bree ing-houses and an insecta um. No subject having actual or potential beari on medical science is cluded from studies at Institute. Its researches i within the broad categor of physiology and pharn cology, pathology, chen therapy, biochemistry, perimental biology, and pl sics in its application to b logical research.



A laboratory in the chemotherapy division of the new building.
Seated, centre, is Dr. H. King.



A general view of the library, which contains some 20,000 books.

Chemotherapy Division

The division of chen therapy (in the south-e wing) occupies more spa than any other division the Institute, and its we falls into chemical and b logical sections. Subje now engaging the divisi include filariasis, amœbic sentery, malaria, and searches for new antibiot and for compounds simp than cortisone but having similar effect. The abser of doors between the o ferent laboratories on ea



Exterior of the new building, Bittacy Hill, Mill Hill, London.

oor of the division provides easy intermmunication and greater air circulaon. Close contact is maintained between the organic chemical laboratory of the divion and the division of physiology and narmacology. Recently, that collaboraon produced, for example, work on bistaternary bases that shows promise of apportance.

orld Influenza Centre

The virus division of the Institute now cludes the World Influenza Centre esblished by the World Health Organisaon. The Centre invites laboratories situted in countries throughout the world to apply it with samples of the viruses causig outbreaks of influenza in their particur areas. These viruses are studied and lassified at the Centre. Indications have cen found that the strains of influenza irus are continually changing. In investiating the nature of viruses the division as made considerable use of the electron icroscope. It also directs work now beng conducted at the Harvard Hospital, alisbury, on the common cold.

Biological Standards

Situated in the north-east wing, and under the direction of Dr. A. A. Miles, the department of biological standards see C. & D., 1948.I.282). The standards ept by the division are stored in a pecial cold room within the section. In the department of experimental bioogy, problems of fertility and obesity are being investigated, while the division of pacterial chemistry (which has only resently become part of the Institute) is conserned with all factors that affect the growth and metabolism of bacteria. It is

hoped to deduce a satisfactory theoretical basis for chemotherapy.

Biochemistry, particularly of intermediary metabolism and biosynthesis, is being studied in another division, using radioactive and stable isotopes. The biophysics and optics division possesses two electron-microscopes and a mass - spectrometer constructed in the Institute for use in stable isotope analyses. The division is working on the development of phase-contrast and ultraviolet microscopies.

The library, which has been steadily built up over the past thirty years, occupies the fourth and mezzanine floors in the



Inside the aseptic room of the division of biological standards. It is supplied with air through the filters shown on the ceiling.

centre block. The Institute also possesses an instrument shop, canteen and club rooms, conference room and a Hall commemorating the Council's first secretary.

D.S.I.R. Notes on Awards.—Revised notes on grants awarded by the Department of Scientific and Industrial Research to research workers and students are given in a publication available from H.M. Stationery Office, price fourpence.

RATING METHODS UNDER THE NEW ACT

TEW valuation machinery which came into force on February 1 for purposes of rating property throughout the country effected fundamental changes in law. In many instances the machinery considerably increases assessments, and it is all-important, therefore, that every owner and occupier of property should keep a watchful eye on the steps that are taken in finally determining the valuation of his property.

Separation of Functions

Previously the task of valuation was in the hands of the rating authority, which had been exercising the dual functions of assessing property and of fixing and collecting the rates to be paid. Henceforth rating authorities will not be concerned with valuation, although, of course, they will continue to determine the rates to be paid and be responsible for their collec-Valuation will be in the hands of officers of the Inland Revenue

Differences in the machinery of rating between London and the Provinces have been abolished. Henceforth there will be one uniform system. Quinquennial revaluations will continue as before (the last quinquennial assessments for London and the Provinces were made in 1934 and

In London, the procedure was that the ratepayer made a "requisition" to the rating authority, and this was entered into a Provisional Valuation List, so that the value could be reconsidered. After receiving notice of the entry in the list, the ratepayer was entitled to object to the assessment. In London the grounds of objection were extremely restricted, almost the sole ground being physical alteration in the premises in the course of the rating year (during the war the grounds were extended). No appeal lay against the Provisional Valuation List to Quarter Sessions, for the temporary valuation did not form part of the List proper. All alterations or additions collected in the Provisional List were entered into a Supplemental Valuation List at the end of the year, and the ratepayer then had a new right of objection to any entries even if a similar objection had been made previously against the entry in the Provisional Valuation List. The objection to the entry in the Supplemental List was determinable by appeal to Quarter Sessions.

The procedure was cumbersome and technical. In the Provinces it was much simpler. There, the ratepayer could make a proposal for amendment. So could the rating authority (to whose proposal the ratepayer could object). Objections came before the Assessment Committee, from whose decision an appeal lay to Quarter The procedure may continue to Sessions. operate during the transitional period until the new Valuation Lists come into force in 1952 and 1953. For that reason, something should be known about it.

So far as methods of valuation are concerned, the principal changes effected by the new law relate to small "post-1918 dwelling-houses " (houses of a rateable value in London in 1939 of £100 and elsewhere of £75, erected or in course of erection on April 2, or which had or have since been converted into two or more separate and self-contained flats or tenements). Since many such houses may be occupied by traders as lock-up shops with dwelling accommodation above, those traders are substantially affected by the new methods of assessment.

Quinquennial Valuation List

The proposal is that the new quinquennial list shall come into force outside London on April 1, 1952 (inside London on April 6), but the Minister may, if need be, defer its coming into operation until 1953. In the meantime existing Valuation Lists continue—with, of course, amendments that have been made to them. The Valuation Officer for each rating area will then proceed at once to prepare a Draft Valuation List. When he has completed it he will send three copies to the rating authority and give public notice that the Draft has been completed, and a copy of the Draft List will be open for inspection at offices of the rating authority for twenty-one days after the date on which public notice has been given. Occupiers of property will not receive individual notice of entries affecting their property in the Draft List, except where properties have not been previously assessed. For derated properties (i.e., agricultural, industrial or freight transport hereditaments) a claim must be made for the properties to be treated as derated, unless they were already so treated in the previous List. Every occupier should, in his own interest, watch for the public notice that the Draft st has been completed and should exnine the entry relating to his own prorty.

pjections to Draft List

If the occupier is dissatisfied with any try, he has the right to object. His obction must be made within twenty-five ys from the date on which public notice s been given; it must be in writing, ust state the grounds on which it is ade, and must be served on the Valuain Officer. The grounds on which obction may be taken to an entry are nited. Objection can be made because wrongful inclusion of a property in the raft List, or because of the sum at which has been assessed. If the building, or a ortion of it, is occupied in parts, the ocpier may object to inclusion of that ilding in the List as a single unit.

When the valuation officer has received objections to the Draft List (that is, ter the expiry of twenty-five days from e date of the public notice as to its cometion), he proceeds to revise the List and make such alterations as he thinks fit. The terations may be designed to meet ob-ctions that have been put forward, or such other grounds as he thinks fit. otice of any alterations made is served on e occupier of the property to which the teration relates. If the alteration conts of a reduction in the assessment, no ptice is served on any occupier who has ot himself objected to entry in the Draft st. Every person who has objected reives a notice of what alterations in the ist, if any, have been made in respect of e objector's property.

ight of Appeal

If, at this stage, an objector is dissatised with the Valuation Officer's deterination, whether as to any entry in the riginal Draft List or as to any alteraon in the Revised Draft List, he has the ght of appeal. Where any alteration is ade in the Draft List the right of appeal ay, in fact, be exercised by both the wner and occupier of the whole or any art of the property concerned. The time r appeal is twenty-one days from the ate of receipt of notice from the Valuaon Officer in connection with the revised traft List. The notice of appeal must be writing, and must set out the grounds appeal. The appeal lies to a new cal Valuation Court set up under the ct. Generally the objector is limited in

his grounds of appeal to the grounds of objection he may have made to the Draft Valuation List itself. Within seven days of receipt of the notice of appeal, the Valuation Officer sends to the occupier of the property, if the occupier is not the appellant, a copy of the notice of appeal. The appeal comes for hearing before the Lands Tribunal Court, from whose decision there is right of appeal (on points of law only) to the Court of Appeal. The county court has now no jurisdiction.

At the end of the December preceding the date on which the new Valuation List is to come into force (i.e., in the normal way, by the end of December 1951), the Draft List will be finally settled. It does not matter that there may be still outstanding appeals or objections to it, for if necessary they will be treated as if they arose from the contents of Valuation List itself

(To be concluded)

NEW BOOKS

Mercantile Year Book 1950.—7 in. x 5 in. Pp. 1259. 26s., post free Lindley-Jones & Brother, Ltd., 52 Bishopsgate, London, E.C.2. A new and enlarged edition of the "Mercantile Year Book and Directory of Exporters" celebrates the Diamond Jubilee of this publication. The volume lists export merchants in London and the provinces, and classifies the goods they handle. Details of overseas buyers and the goods they import have been substantially increased, and the section now takes up close upon 800 pages (in 1887, the first year of publication, the whole Directory had but 170 pages).

British Journal Photographic Almanac. $-7\frac{1}{2}$ x 5 in. Pp. 560. Cloth, 7s. 6d.; paper, 5s. Henry Greenwood & Co., Ltd., 24 Wellington Street, Strand London, W.C.2. The 1950 edition of the Almanac (now in its ninety-first year of publication) contains special articles on medical photography (by Brian Stanford, M.R.C.S., F.R.P.S.), the importance of colour photography in daily life and education, "Getting Ready for Colour" (by D. A. Spencer, Ph.D., F.R.I.C.), and "A Photographic Dealer Takes Stock" among others. The titles should be sufficient to show the work to be invaluable to pharmacists, quite apart from the pictorial excellence of the 32-page photogravure section, and the customary wealth of information on new methods and processes, formulas, bibliography and indexes.

MINISTRY OF HEALTH BULLETIN

THE following abstracts are taken from the twenty-sixth Bulletin to Pharmacists issued by the Ministry of Health,

B.C.G. Vaccination

By Ian M. MacGregor, M.B., D.P.H. (Medical Officer, Department of Health for Scotland)

B.C.G. vaccine is prepared in a number of special laboratories throughout the world. The supply used in Britain at the present time is obtained from the B.C.G. Department of the State Serum Institute, Copenhagen. It is produced in ampoules containing a liquid suspension of living B.C.G. in a strength (0.5 mgm./mil) suitable for intracutaneous injection. Stored under suitable conditions (3° to 6° C.) it retains potency for about fourteen days. Fresh supplies of vaccine are flown to Britain from Denmark each week. The vaccines produced elsewhere for administration by the multiple puncture or scarification methods are much stronger than the intradermal preparation.

Several different techniques are employed in the administration of B.C.G. vaccine. Modern practice aims at introducing the vaccine into the most superficial layers of skin. Intradermal inoculation is the method used in Britain and in Denmark. The injection is made into the skin covering the insertion of the left deltoid muscle. Less frequently the thigh, or, in babies, the outer aspect of the buttock is chosen as the site of inoculation. The dose of the vaccine for intradermal use is

The course of the vaccination is usually regular and mild although more severe reactions, none of them dangerous, occur in a small proportion of individuals. About three to four weeks after inoculation a small red papule appears at the site of injection. This increases in size for about a week, but does not usually exceed 15 mm, in diameter. It may be slightly tender. A small ulcer usually forms in the centre of this papule (rarely larger than 10 mm. in diameter), but healing takes place, under a simple dressing, in the course of the next few weeks. A tiny scar usually marks the site of the injection. There is no general upset. Local reactions occur in less than 3 per cent, of those vaccinated.

The immediate success of B.C.G. vaccination is indicated by the development of a

positive tuberculin skin reaction some sito eight weeks after inoculation.

In 1937, Wells reported the occurrence of tuberculosis in the wild vole. Since then investigation of the vole bacillus he made steady progress. This organism heen used to prepare a vaccine similar B.C.G. vaccine. Another development considerable importance is the production of freeze-dried preparations of B.C.G. vaccine, which can ideally be stored for long periods without loss of potency. The array results of trials of the freeze-dried product are encouraging.

At best B.C.G. vaccination can on more than improve resistance tuberculosis.

B.C.G vaccine is still under tria Although it has been used extensively sin 1921, its efficacy is still a matter of cotroversy. There remains a strong body opinion that the case for using the vaccin has still to be proved.

Accidents in the Home

By C. A. Boucher, M.A., D.M., D.P.I. (Medical Officer, Ministry of Health)
The home, can be as dangerous as throad, in fact more children under fifted years of age are killed of accidents in the homes than are killed on the roads, and yet the road accidents claim all the attention of people in charge of children.

tion of people in charge of children.

20 per cent. of fatal home acciden occur in children under five years of ag while 60 per cent. occur in elderly peop more than sixty-five years of age; th more than three-quarters of these fatalisi occur at the two extremes of life. The mc common serious accidents to young children are scalds, falls and crushing injuri in doors and domestic machinery. In the elderly, similar types of accident prevates especially falls and burns, including clot ing catching fire. Home accidents occuparticularly in the kitchen, and during the preparation of food or on "washing day especially where there is no piped supp of hot water.

Falls cause just over 4,000 fatalities the year, and 80 per cent. of these deat occur in old people over 65 years of agin this category elderly women are affect twice as often as old men. Greater med cal attention paid towards the health old people will prevent many of these fal and, undoubtedly, common-sense measur could reduce the risks.

Burns and scalds account for over 800 alities annually, and this figure would be higher were it not for the recent adnees in hospital treatment of the injuries. Coal-gas poisoning accounts for over o fatalities each year, and this figure s been steadily increasing. Nearly twords of these deaths occur in old people d in some cases are accounted for by a fective sense of smell or hearing. Suffoion has in recent years provided nearly housand deaths annually, and this figure steadily mounting. Most of these deaths cur in infants, either in the bed and cot from choking with food; boys are ected more than girls, bottle-fed babies be than breast-fed. The majority of ses are in first children. Electrocution is

Congenital Syphilis

sponsible for few fatalities.

By Mary Michael Shaw, M.B., B.S. irector, Venereal Diseases Department, Royal Free Hospital)

PHILIS is passed directly from the mother the child before it is born. Often the other has been infected by the child's ther, and it is not at all uncommon for e mother to be unaware of any infection rself. In women the early signs of quired syphilis may be slight or so situed as to arouse no suspicion, and it is ssible that such early signs may not cur at all; the woman's first realisation ay be brought about by the effect of philis in pregnancy or the birth of an fected child.

In the early months of life the most mmon signs of congenital syphilis are in rashes, sores round the mouth and ose, and a discharge from the nose; somemes syphilitic inflammation causes deruction of the bones and cartilage of the ose with resulting mutilation of the face. yphilitic changes in bones, particularly he long bones of the limbs and the bones the skull, may occur at an early age, hile in other children the main attack ay be on important organs such as the liver, ings and spleen. Young babies with such ell-marked signs are, of course, usually riously ill, but often the effects of conenital syphilis are more insidious and ruch less easily detected.

In infancy and early childhood bone and bint lesions predominate and permanent eformities may result if the condition is ot diagnosed and treated. Many of these hildren show changes in the second or

permanent teeth; the most characteristic are the pegged and notched upper incisor teeth described by Hutchinson and known as Hutchinson's teeth.

Some of the most serious effects of congenital syphilis may show themselves at the age of puberty or in the young adolescent, e.g., interstitial keratitis, which involves the cornea and often causes impairment of vision, or, in severe cases, complete blindness.

Congenital syphilis is not a common disease in Britain, but it is an entirely preventable disease. The first essential is to ensure that all potential parents who acquire syphilis have adequate treatment, observation and follow-up tests. penicillin has been available, treatment has been quick, safe and efficient; the observation period and repeated blood tests are still necessary, but they entail comparatively little effort or inconvenience on the part of the patient. Two factors are of importance: (1) The patient's attendance for treatment early in the course of the disease. (2) The capability of the doctor, whether in the clinic or in private practice, to hold the patient until complete cure is attained and to obtain the attendance of all contacts for investigation. The second preventive measure is the careful examination and routine blood testing of all pregnant women.

It has been proved that treatment of a pregnant woman suffering from syphilis can ensure the birth of a healthy child, and in view of the possible ignorance of the previous woman regarding infection. routine blood testing becomes of major importance. At the same time one positive test with no other supporting evidence does not necessarily mean that the woman has syphilis. The Wasserman test-or any other single test for syphilis—can be a very good servant but a bad master, and much family unhappiness and disruption may be caused by a false interpretation of one positive test. What such a result does mean is the need for further investigation of the patient-which includes a careful examination of the family history as well as the personal history—for the patient herself may be a congenital syphilitic. If, after repeated tests and careful investigation, the diagnosis is confirmed, then treatment must be carried out, and it has been shown by American investigation that by treatment with penicillin alone a healthy child will be born in over 98 per cent, of cases, .

PACKINGS AND PACKAGING

THE following are abstracts of papers read to members of the Institute of Packaging at recent meetings .-

Plastics in Packaging

Concentrating almost wholly on the provision of performance and technical information regarding the properties of thermo-plastic films suitable for use in packaging, DR. HARRY BARRON said that packaging "is probably the largest individual consuming outlet for plastics in U.S.A. About 150,000 tons or roughly 20 per cent. of total output is used for packaging in one form or another—a very large part being absorbed by thermoplastic films, or as treatment for papers. And this usage is actually considered to be in its infancy. Britain, the consumption of such plastics in the packaging field is quite small, but since we tend to attain a definite relationship to the U.S. volume (about one-sixth) it is evident that the potential future of plastics in packaging is very large."

The significant materials now in use were: —Cellulose plastics: cellulose acetate, cellulose acetobutyrate, and ethyl cellulose; vinyl plastics: polyvinyl chloride, polyvinyl copolymers, polyvinyl chloride-acetonitrile, polyvinylidene chloride, polystyrene, polyvinyl acetals and polyethylene; polyamide (Nylon) plastics; and rubber hydro-The only types commercially available in this country were cellulose acetate, polyvinyl chloride, polyethylene and rubber hydrochloride. An outstanding application of polyethylene in the packaging field had been the evolution of the unbreakable bottle. Production in the U.S.A. was already on a very large scale. The cost was about two and a half times that of glass, but the demand in U.S.A. had been insatiable. Production had now started in Britain.

This served as an example of the use of, and importance of using, plastic films when packaging for sale in export markets where competition was severe, such as in U.S.A. When overseas buyers had become accustomed to a certain type of packaging, they tended to reject the same class of goods packed in another manner.

Corrugated Fibreboard

Dealing specifically with corrugated fibreboard MR. J. CASTLE said this was used here mostly for internal transit. There had been many shipments abroad, but up to the present, while it was possible at times to send goods on clean bills of lading or the shipping companies' claus bills, no definite guide has been given b any of the shipping companies. The Fibre board Packing Case Manufacturers' Asso ciation has now agreed upon specification for containers for export of goods, and containers made in accordance with sucl specifications may be stamped with an ex port certificate, bearing the case maker' name and address, and carrying a number The number changes with each order, and is recorded in a register kept by the casmanufacturer. It was the intention of the Association to continue negotiations with the Shipping Conference so that ultimately it was hoped that the certificates would b accepted by them to mark the standard and that cases bearing the stamp will b accepted on clean bills of lading. Th necessity for using fibreboard container can be seen from the fact that in som reasonably sized stores in Canada and U.S.A. there is real difficulty in finding hammer to undo wooden boxes containing goods from Britain. Germany, France Japan, Czechoslovakia, Italy, Holland, al sent goods to North America in corrugated containers.

Preventing Claims

Mr. J. Fletcher, speaking on railwa claims and packaging, said that the Rail way Claims Organisation had made (inte alia) the following suggestions to assist it maintaining a high standard of "Damag

Free " transport:-

Internal packaging should provide com plete occupation of the surplus interio cubic capacity to prevent the content from moving. Packages should be of suc dimensions as would permit easy handling Two small packages were better than on large cumbersome-to-move variety. Suit able grips should be provided, but no such as would damage other packages b protrusion. String or rope used on pack ages became a natural means of lifting b hand. Care should be taken to preven this becoming a contributory factor t container damage. Labels on empty should not be placed on lids. The lid were often not securely fastened for return journeys; if they were lost, means of iden tification was also lost.

Antibiotics as Food Preservatives?-The U.S. Department of Agriculture is ex perimenting with the use of aureomycic and other antibiotics as food preservatives

CORRESPONDENCE

"Frozen" Eau-de-Cologne

SIR,—We note that on p. 541 of your ue of April 29 the appendage "frozen" placed against the words "eau-de logne" under the heading of a comny entirely unconnected with R. L. muth, Ltd. We would ask you to make ry clear in the next issue of your paper rights in this matter, which we think clearly set out in the enclosed free tement of opinion of the Toilet Pretations and Perfumery Manufactuerers' deration.

The Council [of the Federation] have now had an portunity of considering your letter on the subtof your registered trade marks Frozoclone and zolavender, and they recognise that over the t thirty odd years they have become exceedingly Il known to both trade and public alike, They strongly of the opinion that such terms as rozen Cologne " and "frozen eau-de-Cologne"

"frozen lavender," when applied to another nufacturer's product, must cause widespread conon in the minds of the public. They are engthened in this view by the knowledge of the of the word "frozen," when applied to a d toilet water, is a misnomer in that it is not sible, in a practical sense, to offer toilet waters a frozen condition. It would seem to the uncil, therefore, all the more clear that members the industry should recognise that the use of word "frozen," if applied to solid toilet waters er than of your own production, could only be culated to cause confusion. I am instructed to that the Council has no objection to your ng this statement in any way you think fit for protection of your rights as the owner of the rks Frozoclone and Frozolavender.-Cyril A. lliams, Secretary.

Yours faithfully, Farnham, Surrey. R. L. Dемитн.

Posts for Elderly Assistants

SIR,—Considerable publicity has been ven in the national Press to an advertiseent by this company in a local newspaper viting applications from men over sixty fill vacancies as assistants. As this matter ay be of interest to pharmacists generally, send the following details. In this area ere is no difficulty in securing unqualid staff, provided the employer is prered to train them. Young female assisnts, however, show a tendency shirk" the more unpleasant though cessary tasks (such as bottle-washing). e had a feeling we might discover some derly people who would prove really od, and who, having had experience of e "depression," would be loyal to their nployer; it was also thought a possibility

that many customers might prefer to be served by someone of that calibre rather than by a young girl. Careful selection was made of the applicants, for it was not intended to take on people who were not physically fit, etc. As a result, we made some interesting discoveries. The two persons selected are both fit. One was formerly a house governor of a hospital, and the second the advertising manager of a provincial paper. It is, of course, too early to assess results, but we fully expect that they will more than justify their appointments. Their duties will be similar to those of unqualified assistants, and their rate of pay is on the standard J.I.C. scale.

Yours faithfully, Seaham. Forsters (Dawdon), Ltd.

MISCELLANEOUS INQUIRIES

Insect Bite Lotion.—K. B.—A lotion to apply to insect bites may be made as follows:—

Menthol			 1
Camphor			 4
Phenoxetol			 5
Liquefy an	d mix v	vith:	_
Glycerin			 6
Alcohol			 20
Nipabenzyl p	ure		 0.5
Water to			 100

Lanolin Hair Dressing.—W. S.—Lanolin hair dressing may be made to the following formula:—Stearic acid, 6; liquid paraffin, 32; lanolin, 2; triethanolamine, 2; water to 100 parts. The lanolin and stearic acid should be added to the liquid paraffin and the mixture heated to 60° C. The triethanolamine, dissolved in the water, is raised to the same temperature and added to the other liquid and mixed by stirring until cool. The consistency of the preparation may be varied by altering the stearie acid content.

Supply of Medicinal Confectionery.—
B. A. C.—The exemption from personal points rationing of pastilles and lozenges containing a therapeutic dose of a medicament was established in 1944 under S.R. & O., 1944, No. 451, but abolished in 1946 under S.R. & O., 1946, No. 1639. In its place, exemption was given to products in compressed tablet form containing a specified amount of any one or more of three specified drugs and to a number of particularised products set out in a table in the 1946 Order,

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade

28 Essex Street, W.C.2, May 10

The principal feature of the Pharmaceutical and Fine Chemicals market during the past week was the aunouncement of reductions in prices of Cream of tartar and of Tartaric acid; home-trade rates of the former have been cut by 6s. per cwt., while the acid is down by 5s. per cwt. In other directions price movements have not been numerous, although it is evident that competition is growing both at home and abroad. The A.B.P.I, has made an upward adjustment in prices for small packings of OPIATES, but prices are unchanged when supplied in containers from 4-oz. upwards. Procaine Hydro-Chloride is an easier market. In many sections of the chemicals market trade is still rather slow, although the volume of export inquiry is expected to rise as a result of the British Industries Fair, Zinc oxide prices continue to rise, following announcements by the Ministry of Supply of two further increases in the metal price.

Drug Markets Quiet

Trade in Crude Drugs is at a minimum level. Supplies of Ergot on the spot are negligible and there are no offers of oldcrop material from the various sources; high values are indicated for Portuguese new-crop ergot, and there are reports that offerings are expected to be light as a result of unfavourable weather. Cape ALOES is in little demand on the spot and some holders are prepared to accept rather lower prices, although there are still no offers from origin. New-peel CASCARA SAGRADA is likely to be in the region of 250s., c.i.f.; spot prices are un-changed. There has been a good inquiry for Siam BENZOIN of which there are no supplies here; it is learned, however, that a parcel is due to arrive shortly. Spices, generally, have been quiet, and Zanzibar Cloves are inclined to be easier. A similar tendency is discernible in African GINGER but Jamaican material is firmer and forward offers, on a c.i.f. basis, are made at about the same figure as the nominal spot value. Gums and Waxes are quiet and steady. Spot Shellac is lower in price. MENTHOL has been an active market. Brazilian menthol is short on spot and both that and Chinese are now approximately at the same figure. Trade in ESSENTIAL OILS has shown no improvement and prices are, with few exceptions, unchanged. A slight easing in Chinese Peppermint has occurred. Sicilian handpressed Lemon remains firm, Stocks of imported Sweet almond, B.P., on the spot, are low and higher in price; offerings from origins are negligible and are not expected to improve until the new crop,

U.S. Drug and Chemical Repor

New York, May THE FINE CHEMICALS market has been featured by a reduction in the price of Cortisone; containers of 300-mgm. capa city are now quoted at \$33, against \$40.50 previously, while larger quantities have been reduced from \$135 to \$110 per gm PENICILLIN and STREPTOMYCIN are still meeting with a good demand, with interest in the former reported to be comparing well with winter demand as a resul of recent price reductions. Lower price are also announced for two of the morrecently introduced Antibiotics. Firme conditions have developed in MENTHOL spot quotations are now from \$10.25 pe lb. for Brazilian material, Although de mand for menthol is small, a firm ton in Chinese for shipment, together with un certainty about replacements from Brazi (the Brazilian crop, it is thought, will b smaller than former estimates), has cause dealers to be a little reluctant to dispos of their stocks. In the BOTANICAL DRUG market, new-crop offerings of Tinnevell SENNA LEAVES have caused cheaper spoprices for No. 2 and No. 3 grades—th latter is now quoted at 12½ cents, agains 14 cents previously. Hungarian Chame MILE FLOWERS are easier on the spot an are now available at 62 cents per lb., com pared with the previous price of 65 cents. The "Journal of Commerce" says tha because of a disappointing demand for demestic drugs, collections may be rathe small; although only small supplies hav been carried over from last season, thi is not likely to be reflected in new-cro prices. Barter deals in CARNAUBA WA from Brazil are continuing to depress spe rom Brazil are continuing to depress spevalues to well below the minimum exporprices fixed by the Brazilian authorities. The Essential Oils market is generall quiet although trade in seasonal oils is developing. Mexican Lime has been in creased in price and Bois de Rose derivatives are firm in tone. Chinese Anis has further declined—to 95 cents per light Carlander of the country of the control CORIANDER is down to \$22.50 per lb.

Pharmaceutical Chemicals

ACETANILIDE, — Crystals in 1-ewt, lot are quoted at 2s. $1\frac{1}{2}d$, per lb., and powder 2s. $2\frac{1}{2}d$. per lb.

Atropine.—Current rates per oz, are Alkaloid, 43s, 9d.; 4-oz., 43s, 3d.; 25-oz 42s, 9d. Sulphate, 35s, 3d.; 4-oz 34s, 9d.; 25-oz., 34s, 3d.; Methyl bromid and Methyl nitrate, from 60s, to 65 per oz., as to quantity.

BENZOCAINE.—Quotations for 28-lb, lot are now at 40s, per lb,

CREAM OF TARTAR. — Makers reduced ices on May 8. New home-trade rates r cwt. are as follows:— 10-cwt. lots, 2s.; 5-9 cwt., 143s.; 2-4 cwt., 144s.; wt., 145s., delivered.

CRESOL.—Price of B.P. quality from dislers is 4s. 6d. per gall., delivered.

GLYCERIN, B.P.—Current prices are as lows:—

	Under 1 cwt.		under 5 cwt.		5 cwt. and under 1 ton		ton and under 5 tons 5 cwt.		5 tons and under 25 tons	
nimum liveries off ntract of										
er cwt.	s. d		5.	d.	5.	d.	5.	d.	5.	d.
NS 14-lb.	162	6	158	0	154	0	149	6	148	0
28-lb.	160	6	156	0	152	0		6	146	0
6-lb.	156	6	152	0	148	0	143	6	142	0
ums i-cwt.	_		139	6	135	6	131	0	129	6
2½-cwt.	_		137	o	133	ŏ	120	o	127	ŏ.
5-cwt.			-37		133	o	128	6	127	ŏ
o-cwt.	=		U		132	0	128	0	126	6

ton and upwards (minimum delivery contract of 2 tons), 14-lb. tins, 147s.; lb., 145s.; 56-lb., 141s.; 1-cwt. druns, 8s. 6d.; 2½-cwt., 126s. 6d.; 5-cwt., 126s.; cwt., 125s. 6d. Extra charges are made r smaller deliveries ex contract of from to 2s. Tins and cases free, glass packes and iron drums charged extra and turnable. Drums will be credited in full ly if returned carriage forward in good adition within six months of date of voice; if retained beyond this period eir actual value only will be credited, ich will not in any case exceed twoirds of the invoice price. Terms: 2½ per ut. monthly account, except where stated t.

GLYCEROPHOSPHATES. — Makers' list ices per lb. are as follows: CALCIUM LUBLE, 10s. 6d.; IRON SCALE, 11s. 9d.; IDD, 20 per cent. (B.P.C.). 8s. 3d. AGNESIUM (INSOLUBLE), 10s.; MAGNESIUM OLUBLE), 19s. 3d.; MANGANESE, 24s. 3d.; PASSIUM, 50 per cent., 5s. 11d.; 75 per nt., 7s. 9d.; SODIUM, 10s. 9d.; 50 per nt., 4s. 7d.; 75 per cent., 5s. 8d. Quantises of 7 lb., 6d. per lb. less than above tes, other quantities in proportion.

Hydroquinone.—Bulk rates are as folws: 10 cwt., 9s. 6d.; 5 cwt., 9s. 9d.; cwt., 10s.; 28 lb., 11s.; 14 lb., 11s. 3d.; lb., 11s. 6d. per lb. Carriage paid in U.K.

LIQUID PARAFFIN.—Producers' prices to holesale distributors for Heavy, B.P., 'e £91 5s. per ton (7s. 2½d. per gall.), 40/50 gall. returnable loaned drums; Id in 5-gall. returnable drums, 7s. 11d. 'r gall. (or 8s. 5d. per gall. in free 5-gall. rums). Light, B.P., is £71 5s. per ton is. 6d. per gall.) in 40/50 gall. returnble loaned drums, and 6s. 2½d. per gall.

in returnable 5-gall, drums (or 6s, 8½d, per gall, in free 5-gall, drums). Delivered free to buyer's station in the U.K.

MAGNESIUM TRISILICATE (B.P.)—Prices (per lb.) in the home trade are unchanged. Containers in brackets. 28-lb. to 1 cwt., 4s. 4d. (1-lb.); 4s. 3d. (2-lb.); 4s. 2½d. (4-lb.); 4s. 1½d. (7-lb.); 4s. 1d. (14-lb.); 4s. (28-lb.); per lb. Larger quantities range from 3s. 2d. to 3s. 4d. per lb. in 28-lb. packages carriage paid.

METHYL SALICYLATE.—Current rates are as follows: Winchesters, 2s. 5\frac{1}{2}d. per lb.; 56-lb. lots in demijohns, 2s. 4d.; 1-cwt., in demijohns or carboys, 2s. 3\frac{1}{2}d.; 5-cwt., 2s. 3d.; net.

METOL. — Steady. Prices per lb. are: 10 cwt., 19s.; 5 cwt., 19s. 6d.; 1 cwt., 20s.; 28 lb., 21s.; 14 lb., 23s.; 7 lb., 24s. Carriage paid in the United Kingdom.

NICOTINIC ACID.—Quotations are about 40s. to 42s. per lb., as to quantity.

PEPSIN.—In 28-lb. lots, B.P. is 26s, 9d. per lb, and U.S.P. is 29s, per lb.

PILOCARPINE.—ALKALOID is now quoted at from 41s. (25-oz.) to 42s. 3d. (4-oz.) per oz.; Hydrochloride is from 38s. to 39s. 3d. per oz., and Nitrate, from 36s. 6d. to 37s. 3d.

POTASSIUM ACETATE, B.P.—Fine granular is 2s. 1½d. per lb. in 1-cwt. lots.

Potassium antimonyltartrate. — Quotations are around 7s. to 7s. 4d. per lb. The Sodium salt is available at about 9s. per lb, for small quantities, Antimonious oxide, B.P.C., is 6s. per lb.

Potassium nitrate. — Makers quote 1-cwt. lots of B.P. quality as follows:—Powder, 87s. 6d.; crystals, 86s.; granulated, 85s. per cwt. Commercial quality is 81s. per cwt. Smaller quantities are 5s. per cwt. more than above rates.

QUININE.—Steady. Makers' rates (per oz.) to home-trade distributors are given below; additional charges must be added for repacking, etc. Alkaloid, from 5s. to 5s. 6d.; Acetylsalicylate, 6s. 3d. to 6s 9d.; Bisulphate, 3s. 7d. to 4s. 1d. Dihydrorbromide and Dihydrochloride, 4s. 1d. to 5s. 5d.; Formate, 5s. 9d. to 6s. 3d.; Glycerophosphate, and Phosphate, 5s. 5d. to 5s. 11d.; Hydrobromide and Hydrochloride. 4s. 6d. to 5s.; Salicylate, 4s. 8d. to 5s. 2d.; Sulphate, 4s. 8d. to 5s. 2d.; Sulphate, 4s. 6d.; Quinine and Urea hydrochloride is quoted from 4s. 10d. to 5s. 4d.

Tartaric acid.—Makers reduced prices on May 8. New home-trade rates per cwt. are as follows:—10-cwt. lots, 165s.: 5-9 cwt., 167s.; 2-4 cwt., 169s.; 1-cwt., 170s., delivered.

ZINC OXIDE.—All grades advanced by 35s, per ton on May 5, and again by 70s, per ton on May 10, In minimum 2-ton lots, delivered, B.P. quality is now £109; white seal, £100 10s.; and green seal, £99 10s, per ton,

Crude Drugs

Aconite.—Indian is offered at 285s. per cwt., on the spot; napellus is quoted at 3s. 10d. per lb., spot, duty paid.

AGAR.—Kobé No. 1 on the spot is offered at from 9s. to 10s. per lb.

Aloes.—Quiet. Cape is quoted at from 112s, 6d, to 115s, per cwt., spot. Curação is quoted at 225s, per cwt., spot; forward, 215s, c.i.f.

ARNICA FLOWERS.—Spot quotations are from 1s. 4½d. to 1s. 6d, per lb., duty paid.

Balsams.—Quiet. Canada on the spot is quoted at 18s. 6d. per lb. Pará Copaiba is offered at from 7s. 6d. to 8s. per lb., duty paid, and 7s. 6d. in bond. San Salvador Peru is offered at from 7s. to 7s. 3d. per lb., duty paid. Tolu is quoted at from 18s. 6d. to 18s. 9d. per lb., spot.

BENZOIN.—Very little inquiry reported. Sumatra block on the spot is quoted at from £17 15s. to £19 per cwt.; Siam tears, to arrive, 22s. 6d. to 23s. 6d. per lb.

Buchu. — New-crop short-round leaves for shipment are quoted at from 3s. 8d. to 3s. 8½d. per lb., c.i.f.; on the spot, 3s. per lb. has been paid. Ovals are quoted at 2s. 9d. per lb., spot.

Calabar beans.—Supplies to come forward are quoted at from 1s. to 1s. 1d. per lb., landed, duty paid.

Camphor.—Chinese tablets are quoted from 5s. 3d. per lb. for \(\frac{1}{4}\)-oz. and from 5s. for \(\frac{1}{2}\)-oz.; 2\(\frac{1}{2}\)-lb. slabs are from 5s. per lb.; all duty paid, spot London, Chinese refined powder (B.P.) is offered at from 3s. 9d. to 4s., duty paid.

Cardamoms.—Green Aleppy on the spot, quoted at from 17s, to 18s, per lb.; Aleppy seeds, on the spot, are quoted at 28s. 6d, per lb.; splits, 23s. per lb., spot. Mangalore B's, 19s. 6d, per lb., spot.

Cascara sagrada.—Quiet. Spot quotations for 1949 bark are from 280s, to 285s, per cwt., duty paid. New-crop, 267s. 6d., landed, duty paid, quoted.

CASCARILLA.—Steady. Quills on the spot are 1s. 3d. per lb.; siftings are 1s.

Cassia Pods.—A parcel is offering at 50s, per cwt., ex wharf London,

CATECHU.—April-May shipment is quoted 115s. per cwt., c.i.f.

CHILLIES.—Sierre Leone on the spot is quoted at 295s.; May-June shipment, 270s., c.i.f. Nigerian, May-June shipment, 230s., c.i.f., sellers.

Cloves.—Zanzibar is offered at 1s. 9d, per lb. on the spot; for shipment, 1s. 10\(\frac{3}{4}\)d., c.i.f. Madagascar is offering at 1s. 8\(\frac{1}{2}\)d. per lb., in bond. Ceylon is offered at 2s. per lb., spot.

COLCHICUM. — Corms on spot are quoted at from 2s. 9d, to 3s. 6d. per lb., as to test; seeds, from 7s. 6d, to 9s. per lb., spot, duty paid.

Ergot, — Portuguese, May-June ship ment, 25s., c.i.f., value.

GINGER.—African new-crop is valued a 300s, per cwt.; afloat, 285s., buyers; May June, 290s., c.i.f. quoted. Jamaica No. is valued at 380s., per cwt., spot; new-crop May-June, 380s., c.i.f.

Henna. — Indian leaves for shipment

quoted at 115s. per cwt., c.i.f.

IPECACUANHA. — Quiet. Nicaraguan i quoted at 36s. 6d. to 37s. per lb.; May June shipment, 33s., c.i.f. Colombian i quoted at 32s. per lb., spot, and 29s., c.i.f for shipment.

Kamala.—A parcel now afloat is offere at 330s. per cwt., landed, duty paid.

LIQUORICE.—Anatolian natural root of the spot is quoted at from 48s, to 49s per cwt. British block, 150s, to 195s, per cwt., as to grade, Turkish block juice is quoted at from 150s, to 220s., duty paid according to holder. Turkish stick is from 285s., duty paid, Italian stick is from 285s, to 475s, per cwt., duty paid, fo druggists' grades.

LYCOPODIUM. — Supplies of triple-sifte material, on the spot, are quoted at from 12s. 3d. to 12s. 6d. per lb., duty paid.

MACE.—West Indian pale blade, No. 1 is quoted at 6s. 2d.; for shipment, 5s. 10d c.i.f., quoted.

MENTHOL.—Firm. Very little Brazilia on the spot; nominal value, 90s. pel lb., duty paid; April-May, undeclared S2s. 6d., Chinese, S9s. per lb., duty paid nominal (S5s. in bond).

MYRRH.—Aden sorts, spot, offered at £1 per cwt.; siftings are at £6 10s. to £7.

Nutmegs. — West Indian 80's quote 2s, 9d., on spot; sound unassorted, 2s, 1d spot. East Indian 80's offered at 2s. 10c per lb., c.i.f. Continent.

Nux vomica.—Spot, Cochin is offere at 40s. per cwt.; Cocanada, 35s. per cwt

OLIBANUM.—Good drop is quoted at froi 220s, to 225s., and medium drop at 190s, peas are 200s.; fair garblings, 125s., sifings are dearer at 110s per cwt., spot.

ORRIS ROOT.—Verona is quoted at 65 per cwt., ex wharf London.

Papain. — East African white, on the spot, is from 15s. to 16s. 6d. per lb Ceylon brown, from 11s. 3d. to 12s., spo

PIMENTO. — Spot quotations are from 1s. 5\(^3\)4d. per lb.; for shipment, 168s. 6d e.i.f., quoted.

Podophyllum. — Indian (emodi) on the spot is from 320s. to 335s. per cwt., a

to test.

QUASSIA.—Quiet. Chips on the spot and quoted at from 32s. to 35s. per cwt., c.i.

Quillaia.—Natural bark on the spot 160s, per cwt.; to arrive, 140s., c.i.f.

QUINCE SEED. — Cape on the spot offered at about 2s. 6d. to 2s, 9d. per 1

SEEDS.—The Anise market is quiet and changed. Turkish is 152s. 6d. per cwt., changed. Turkish is 1928. Od. per cwt., bond, and 162s. 6d. per cwt., duty paid; syptian is 150s. per cwt., in bond; all ot London. CARAWAY.—In poor demand, itch is quoted at 122s. 6d. per cwt., by paid, in London. CELERY.—No first-nd parcels of French on spot; Indian control at 1s. 01d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. when the control of the 201d now lb. cw. cm. quoted at 1s. 91d. per lb., ex wharf ndon. Corrander. — Market remains m. Morocco on spot is quoted at 110s. r. cwt., duty paid, and 105s. per cwt., bond; new-crop for shipment is a little mer on account of Marseilles buying ne-July shipment is quoted at 65s. per cwt., and July-August at 63s. per cwt., th c.i.f. London. Cumin.-Market conues firm. Morocco on spot is quoted at nues nrm. Morocco on spot is quoted at 0s. per cwt., in bond, and 180s. per cwt., ty paid. New-crop is quoted at 155s. per t., c.i.f. London, for July-August shipent. Cyprus, for June-July shipment, is 0s. per cwt., and July-August, 147s. 6d. r cwt., both c.i.f. London, Dill.—Indian slow of sale; 62s. 6d. per cwt., quoted of London. FENNEL.—Indian is scarce spot; 95s. per cwt. quoted France. spot; 95s. per cwt., quoted. Fenuerek.—Morocco is 55s. per cwt., duty id, in Liverpool, and 57s. 6d. per cwt., ty paid, in London. Indian is 62s. 6d. r cwt., spot London only.

SENEGA. — Quiet. Spot quota om 10s. 6d. to 10s. 9d. per lb. Spot quotations are

SENNA. — Tinnevelly on spot, No. 1 tyes are from $9\frac{1}{2}$ d. to 11d.; No. 2, 8d. $8\frac{1}{2}$ d.; No. 3, $7\frac{3}{4}$ d. to 8d., nominal; No. 5\frac{3}{2}d. to 6d. nominal. Tinnevelly pods e from $8\frac{1}{2}$ d. to $11\frac{1}{2}$ d. per lb.; manufacring, from $5\frac{3}{4}$ d. to 6d. Alexandrian pods, dium grades, are quoted at 2s. 6d. per , and manufacturing, 7d. to 71d., spot.

SHELLAC.—F.O.T.N. pure is quoted at 5s.; F.O. Standard 1, 240s.; and fine ange, 270s. to 330s. per cwt., ex wareuse London.

Stramonium. — Jugo-Slav leaves are oted at 80s, per cwt.; a parcel of Dutch wes is offering at 11d, per lb., landed rms, Indian is 47s, 6d, per cwt., spot.

Strophanthus.—A parcel of S. gratus eds to arrive is quoted at 22s, per lb., nded, duty paid.

STYRAX.—Spot quotations for crude are 7s. 3d. per lb., duty paid.

TONKA BEANS .- Trinidad, frosted on the ot, quoted at 7s. 6d. per lb. Pará frosted, 6d. to 6s. per lb., spot, as to holder; ipment, 5s. 6d., c.i.f.

Tragacanth.—White ribbon, selected, is loted at £135 to £140 per cwt.; No. 1, 30; No. 2, £115; No. 3, £100; No. 4, 55, spot.

TURMERIC.—Madras on the spot is quod at from 112s. 6d to 117s. 6d. per cwt., to holder and quality.

Valerian.—Belgian root is quoted at om 200s. to 210s. per cwt., spot.

Essential and Expressed Oils

Almond.—Firm. English-expressed sweet oil (B.P.) is from 5s. 9d. to 6s. 3d. per lb.; imported sweet oil (B.P.) is in short supply and is valued at about 5s. 6d. per lb., spot. Bitter, s.a.p., on the spot, is from 24s. to 40s. per lb., as to grade.

Aniseed.—Quiet. Spot quotations are from 8s. 3d, to 8s. 9d, per lb. for drums; May-June shipment, 6s. 9d., c.i.f.

BERGAMOT.—Supplies on the spot are quoted at from 33s. to 34s. per lb., as to holder.

CITRONELLA.—Ceylon is offered at from 7s. 6d. to 8s. per lb., spot; May-June shipment, 7s. 2d. to 7s. 3d., c.i.f. Java is quoted at 17s. 6d. per lb., spot.

Clove.—English-distilled bud oil is offered at from 14s. 6d. to 15s. 6d. per lb. according to quantity; Zanzibar stem oil is quoted at 10s. per lb., spot.

GERANIUM.—Bourbon is quoted at from 124s. to 130s. per lb., spot; forward, 115s. per lb., c.i.f. Algerian on spot is quoted at from 96s. to 100s. per lb.

LAVENDER.—French, 38-40 per cent., on spot is offered at from 21s. to 24s. per lb.; 40-42 per cent., 22s. to 25s. Spanish spike is offered at 10s. to 10s. 6d. per lb., spot.

Lemon. — Sicilian hand-pressed, 4 per cent. citral, on the spot is quoted at upwards from 24s. to 25s, per lb.; for shipment, from 23s. 6d. to 24s., c.i.f. Other grades (complying with B.P. standards), from 17s. 6d. per lb. on the spot.

Lemongrass.—Spot quotations are from 14s. to 16s. per lb.; May-June shipment, 13s., c.i.f.

Palmarosa.—Spot quotations are from 52s. to 55s. per lb., spot.

Peppermint. — Spot quotations Chinese (M. arvensis) are from 42s. to 43s. per lb.; May-June shipment, 36s., c.i.f. B.P. oil is offered at from 60s. to 65s. per lb. on the spot. English-distilled "Mitcham" oil is at 210s. to 220s. per lb.

ROSEMARY .- Spanish on spot is offered at 7s. to 8s. 6d. per lb., as to grade.

Sandalwood.—Firmer. East Indian is offered at from 75s. to 76s, per lb., spot; English-distilled, about 85s. per lb.

SASSAFRAS.—Brazilian is quoted at from 5s. to 7s. per lb., spot, duty paid.

Spearmint.—Prices are in the region of 37s. 6d. per lb., spot.

Тнуме.—Steady. Red oil (40-42 per cent. phenols), 10s. 6d. to 12s. 6d. per lb.: white oil, 17s. to 18s. 6d. per lb., spot. VETIVERT.—Bourbon on spot is quoted

at 94s. to 100s, per lb., as to grade and quantity.

YLANG YLANG. — Bourbon on the spot is quoted at from 75s, to 77s, 6d, per lb for a first-grade oil; second grade, from 47s. 6d.; third grade, from 30s.

TRADE MARKS

(From "The Trade Marks Journal," April 26)

For medicinal herbal preparations (5).—"LUSTY'S"; by Lusty's Natural Products Co., Westcliff-on-Sea; 681,197.

For analgesic preparations (5).—"DISPRINA"; by Reckitt & Colman, Ltd., Hull; 684,167.

For infants' and invalids' foods (5).—"DAL-TOSE"; by Cow & Gate Ltd., Guildford 684,652.

For bandages, medical and surgical dressings, menstruation appliances and clothing (5).—"LUX-OL" "LUXSIL" "LUXAN"; by LUXAN (Henry Franc & Lauder), Ltd., Manchester.

For razors and plastic razor cases (8).—"Hemo"; by Healey Mouldings, Ltd., Wallsall; 681,408.

For safety razors and blades (8).—"FLAIR"; by Fraser & Glass, Ltd., London, N.12; 685,719.

For scientific, optical and photographic instruments (9).—" AQUAFLEX"; by André Coutant and Jacques Mathot, Paris; 683,818.

For ear plugs (10).—"Sonex"; by Amplivox, Ltd., London, W.1; 685,247.

(From "The Trade Marks Journal," May 3)

For agricultural, horticultural, industrial, scientific and photographic chemicals (1). — "Goodrex"; by S. C. Goodman, Ltd., Sutton; B683,701.

For hair tonics (3).—"AMORINE" on label device; by Pasquale Salzillo Amore, London, W.4; 666,825.

For detergents (3).—"ALKYLON"; by Georges Kaminski, Paris; B668,340.

For all goods (3) and (5).—" Drofyart"; by Drofyart, Ltd., London, S.E.14; 676,689.

For tooth-paste (3).—"MASORGINE"; by Thomas Sanderson, Newcastle-on-Tyne; 682,076.

For non-medicated toilet preparations (3).—
"ATKINSONS" on label device with provision for interchange of product title; by J. & E. Atkinsont, Ltd., London, W.1; 682,404-405, 684,093. "MEMENTO" "CABALA"; by R. Demuth, Ltd., London, N.W.6; B685,183-686,304.

For non-medicated toilet skin lotions (3).—
"Pond's" on flowered label device; by Pond's
Extract Co., Ltd., Greenford; 685,419.

For pharmaceutical preparations (5).—"Ped-Zyl"; by Antigen Laboratories, Ltd., London, W.I; 673,630. "Anaclasine"; by B. Guersant, G. Ranson & Cie "Optima," Paris; 679,547. "Kwells"; by E. Griffiths Hughes, Ltd., Salford; B680,031. "Trichosyl"; by The British Drug Houses, Ltd., London, N.I; 684,637. "Distaquaine"; by the Distillers Co. (Biochemicals), Ltd., Liverpool; 685,949. "Syltagolin"; by Syltago Medikus Co., Hull; 686,310.

For medicated chest and throat pastilles (5).—"LARYNOIDS"; by the Walcot Proprietary, Ltd., New South Wales; 675,177.

For all goods (5).—"Vernleigh"; by Vernleigh Products (Proprietary), Ltd., Johannesburg; B684,810.

For medicated toilet paper (5) and non-medicated toilet paper (16).—"Donna"; by Cambridge Warehouse Co., Ltd., London, E.1; 684,256.

COMING EVENTS

Monday, May 15

HENDON, EDGWARE BRANCH, NATIONAL PHARMAC TICAL UNION, Brills Restaurant, Station Ro Edgware, at 7.45 p.m. Annual meeting. Ph MAGEUTICAL SOCIETY BRANCH, at 8.15 p.m.: 1 Paul E. Johnson (Goya, Ltd.), on "Perfum Through the Ages."

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION WOMEN PHARMACISTS, Stork Hotel, Ou Square, Liverpool, at 7.30 p.m. Mr. H. H. phreys Jones will give an address entitled "tellectual Ramblings."

Tuesday, May 16

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNI Hotel Metropole, at 7.30 p.m. Annual meet and discussion on recent cut in oncost.

REIGATE AND REDHILL PHARMACISTS' ASSOCIATI Castle Hotel, Reigate, at 7.30 p.m. Anr meeting.

SOUTH-EAST METROPOLITAN BRANCH, PHARMACET CAL SOCIETY and SOUTH-EAST LONDON CHEMIS ASSOCIATION, Grove Tavern, 26 Cambers Grove, London, S.E.5, at 7.45 p.m. Discus on "Cut in Oncost."

Wednesday, May 17

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Not Hall, Liverpool Victoria Friendly and Appro Societies' Building, Bloomsbury Square, Lond W.C.I, at 8 p.m. Annual meeting.

NORTHUMBERLAND AND DURHAM CHEMISTS' GO ING SOCIETY, at 2.30 p.m. Fixture at Ryton. Thursday, May 18

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, No Hall, Liverpool Victoria Friendly and Appro Societies' Building, Bloomsbury Square, Long W.C.1, at 10 a.m. and 2.15 p.m. Branch R resentatives' meeting.

THE CHEMICAL RESEARCH LABORATORY, Teddton, Middlesex, is holding "open" days on J 28, 29 (afternoons) and June 30 (all day). Apcations from firms who have not previously ceived invitations should be made before June

CO. WEXFORD PHARMACEUTICAL CHEMISTS' AS CIATION is holding its first annual dance Courtown Harbour on June 4. Ticket, 12s, including supper. Dress optional.

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('Author's note: Wutung—Populus div sifolia. The desert variety is sometin Kia wutung or false wutung.)

From "The Gobi Desert," by Mild Cable and Francesca French.

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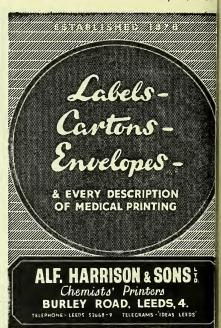


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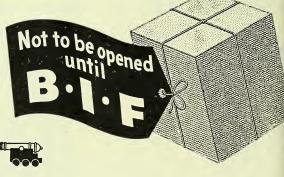
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WHOLESALE 24/- PER GROSS WHOLESALE 32/- PER GROSS

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PROFIT by selling

BRONTAN SUN-TAN CREAM

LAST summer, Brontan sales were big. The demand persisted throughout the season. Stock up for this summer—the demand will be there, and you will have the advantage of our new bonus offer, with its much larger profits. Write for full details at once.

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YE'S for VITRELLÆ

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The New Hypnotic - Sedative

BARBURAL Each Tablet contains Cyclobarbitone Calcium gr. 1.

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'BARBURAL' has the advantage of a very small Barbiturate dose

'BARBURAL' is indicated as a sedative and hypnotic in insomnia and nervous conditions

'BARBURAL' is a safe rapidly acting hypnotic with prolonged sedative effect

'BARBURAL' is issued in tins of 100 & 500 tablets.

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Manufacturers of Fine Chemicals and Pharmaceutical Products

BYRON HOUSE, 7-9, ST. JAMES STREET, LONDON, S.W.1.



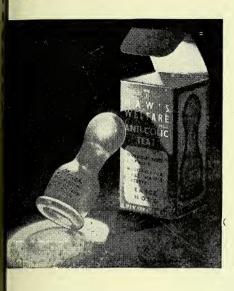
These sell quickly

Parkinsons' Pills, Kilke Vitagrains and the wi range of other preparationsell quickly and bring reparations sales through their quality

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Taw's welfare anti-colic teats



are now being regularly advertised in:

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ver 100,000,000 advertisements are appearing during the ming months in selected media. They will urge mothers, arses and all those interested in Child Welfare to use only Maw's Welfare Anti-Colic Teats

RE YOUR STOCKS ADEQUATE TO MEET THE DEMAND?

or over 25 years Maw's Welfare Anti-Colic Teats have joyed a high reputation among Mothers and are strongly commended by the Medical and Nursing Professions.

Each packed in attractive carton—3/6 per doz. AVAILABLE WITH SMALL, MEDIUM OR LARGE HOLE

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Bristow's Lanolin Shave is selling rapidly. Men are quick to appreciate the value of Lanolin for soothing and comforting the skin. And, to increase sales still more, powerful press advertising begins this month. So make sure you profit from this fast-selling line. Order good stocks and give them a good display. Our representative will gladly provide show material.

Bristow's LANOLIN SHAVE

TRADE

	Retail Selling	Standard		Intermediate		Best		Purchase Tax	
	Price (Inc. P. Tax)			Quan. (dozs)				Per Doz.	Rate
LANOLIN SHAVING CREAM LANOLIN SHAVING	2/-	1	13/6	3	12/9	6	12/-	4/6	33⅓%
STICK: (Cased)	1/9	1	11/10	3	11/6	6	11/2	3/112	331%
(Refill)	1/-	- 1	6/6	3	6/3	6	6/-	2/2	331%

Richard Paniel & Con

PROPRIETARIES
SUNDRIES DRUGS
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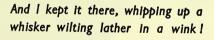
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ad Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton: Julyne Telephone 2816 (2 lines

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See Our Stand No. KI At the B.I.F. (1st Floor) OLYMPIA



VULFIX "SERVICE" obtainable through all wholesalers

Retail at 3/11, 5/11, 6/9, 8/6 each





PURE BRISTLE Shaving BRUSH

THE BRUSH WITH THE 2 YEARS GUARANTEE

PROGRESS SHAVING BRUSH Co., Ltd.

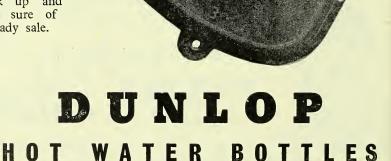
Phone: STOckport 2147

49 Leadenhall Street, London, E.C.3

Phone: ROYal 2857



and trusts. That's why this sturdy, dependable hot-water bottle is so simple to sell. It bears the DUNLOP seala seal of quality, fine workmanship and lasting service. Small wonder that it is the most popular hot - water bottle on the market. In fact, it sells itself -to coin a phrase. Stock up and make sure of a steady sale.

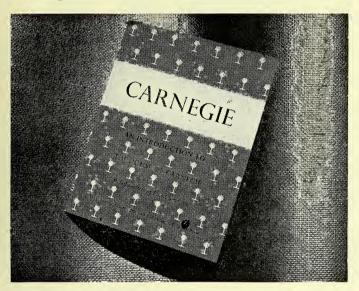


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CARNEGIE

Manufacturers of Fine Chemicals



We hope to meet all our friends at Stand No. B.3 at Olympia where copies of the above illustrated brochure will be available. We shall be pleased to send copies on request to those unable to attend.

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Olympia May 8th—19th

CARNEGIE CHEMICALS (WELWYN) LTD

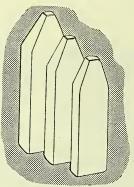
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WELWYN GARDEN CITY: HERTFORDSHIRE: ENGLAND



Keen Prices for White Wrapping Paper

If you are interested in the wrapping of your bottles—and maintaining one of the distinctive features of pharmaceutical practice—you will be interested in our remarkably low prices for white demy wrapping paper.

SO MUCH EFFECT-



SO LITTLE COST

For sizes 80z. and 10oz. wrapping costs about ten sheets a penny.

White Demy, best dispensing quality.

Sizes (Ounces) 1 2 3/4 6 8/10 12/16 Per 500 sheets (approx.) 1/4 1/8 2/9 3/2 4/- 6/-

Powder Papers ... $4'' \times 4\frac{1}{2}''$ per 500 sheets, 10d.

Per ream Per quire No. 18 White Demy, $17\frac{1}{2}"\times22\frac{1}{2}"$... 14/- ... $9\frac{1}{2}d$. Swedish brown kraft $20"\times30"$... 14/9 ... $9\frac{1}{2}d$. Swedish striped sulphite $20"\times30"$... 16/- ... 1/-

(green and mauve)

Dispensing Twine (Red, Blue, Green)

4oz. balls 25/- per doz. 8oz. balls 50/- per doz.

Sealing Wax 3/9 per lb.

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Coccidiosis kills....



Loss among chicks due to coccidiosis can be prevented by adding two fluid oz. of 'Sulphamezathine' to each gallon of drinking water. Not only is this treatment effective and inexpensive, but the chicks are immune for life from further attacks.

'SULPHAMEZATHINE'

SODIUM SOLUTION (16%)

TRADE MARK

saves!

This product is widely advertised in the national farming papers and is deservedly popular amongst farmers and commercial poultry breeders.

Bottles of 4, 20 and 80 fluid oz., retailing at 5/-, 21/-, and 75/- respectively.

From your wholesaler or, in case of difficulty, apply to your nearest I.C.I. Sales Office:—London, Bristol, Birmingham, Manchester, Glasgow, Edinburgh, Belfast and Dublin.



IMPERIAL CHEMICAL (PHARMACEUTICALS) LIMITED A subsidiary company of Imperial Chemical Industries Limited WILMSLOW, MANCHESTER

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An organisation that has outstanding facilities and over a century of experience in the manufacture of pharmaceutical preparations.

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Those who contemplate production of a Pharmaceutical Proprietary are invited to consult the advisory service of

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BRIGHTON · SUSSEX · ENGLAND

CONTRACTORS TO H.M. GOVERNMENT

NEW

'Eskamel'

a significant advance in acne therapy



ORMULA: Resorcinol 2%, sulphur %, in a stable, grease-free, flesh inted base.

Eskamel' retails at 4/6d. a tube, rade price 32/6d. per doz., plus urchase Tax 10/10d.

• 'Eskamel' presents sulphur and resorcinol in a new, non-greasy ointment base which ensures maximum therapeutic effectiveness. Delicately flesh tinted, 'Eskamel' harmonizes so well with the skin as to be virtually invisible, and provides an almost im-



perceptible mask for unsightly lesions. 'Eskamel' is intentionally designed to dry quickly when applied. So that it will not evaporate in the package, it is supplied not in jars but in specially-lined 1-oz. tubes. 'Eskamel', therefore, should always be dispensed in the original tube.

'Eskamel'

Issued in 1 ounce tubes

IENLEY & JAMES, LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

for Smith Kline & French International Co., owner of the trade mark 'Eskamel'

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'Quick-TAN'
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safely

START SHOWING this Damaskin best seller NOW!

by Damaskin

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BACKED BY BIG DAMASKIN ADVERTISING ALL THE YEAR ROUND

THE ONLY EMOLLIENT NON GREASY SUN-SCREENING LOTION

BEAUTIFUL EYE-CATCHING SHOW MATERIAL

"Damaskin" preparations are big news for women now-and big news for you, too! Regularly advertised in the leading National newspapers and magazines—over TEN MILLION advertisements every week tell the Damaskin story to the women who buy from you!



ORDER NOW AND TAKE ADVANTAGE OF THESE **GENEROUS DISPLAY BONUS TERMS!**

	Retail price	Trade price per doz		
Bottles	2/6	12/-		
Bottles (Family Size)	4/7	22/-		

EACH UNBROKEN DOZEN
CHARGED AS II
Beautiful full-colour showcard size
8" x 12" (as illustrated) sent FREE

Send your order today to: Thos. Christy & Co. Ltd., 10 Bear Lane, Farnham, Surrey Manufactured by: Colloidal Chemists Ltd., 35 Bessborough Place, London, S.W.I CALCIUM GLUCONATE
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CREAM OF TARTAR
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ROCHELLE SALTS
TARTARIC ACID

LITHIUM BENZOATE
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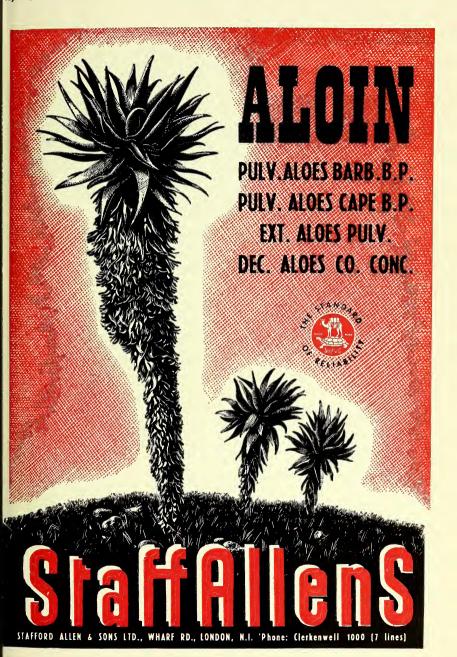
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Crown Chemical Works, Three Mill Lane, Bromley-by-Bow, London, E.3

ENGLAND

Telephone: ADVANCE 1234 (7 lines) Telegrams' KEMBALL, LONDON, ENG,
CODES ABC 6th Bentleys Private





SCIENCE OR NATURE?

Nylon wears longer than even the best bristle. It does not get so soggy. It can be made exactly as hard or soft as required, and it is 100% hygienic. Nevertheless, there are still many people who do not agree that the scientist has yet beaten the pig.

Check these toothbrush

FACTS

and help your customers choose

NEXT time a customer asks your advice on choosing a toothbrush, remember these pointers. You'll have all the answers pat!



HARD OR SOFT?

Many people use toothbrushes that are too hard—especially Nylon, which does not get soft when wetted. Leave it to your customer, but remember, most dentists are against extra hard brushes. And remember, Wisdom Nylon is now made in 'soft' as well as 'medium'.





WHICH IS THE BEST BRISTLE?

All experts agree Chungking and Siberian Bristles are the best for toothbrushes. Indian Bristles are generally too brittle, so that they quickly get soggy and break down. Wisdom is made only from Chungking and Siberian, guaranteed free from Indian.



THE HANDLE'S IMPORTANT!

The Wisdom handle isn't just for show—it's specially designed for correct brushing. The angle brings the handle in line with the brushing surface of the tufts—instead of their roots.



AND THE NAME?

We suggest Wisdom. Advise your customers to buy a Wisdom, and you'll be sure of satisfying them. We made the first toothbrush in 1780—but we don't rest on our laurels. We're constantly carrying out research to keep ahead of the toothbrush field. So sell the best brush—sell a Wisdom.

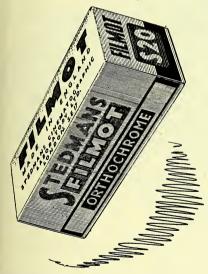




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In the following sizes

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The name of STEDMANS is your guarantee of quality - every film being batched and date stamped

Send for Price List showing prices and terms for Dealers

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CINEMATOGRAPHIC LABORATORY LIMITED

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Supported by vigorous advertising

Prepare to meet an unprecedented demand! Rimmel original OATMEAL Toilet Preparations (the only oatmeal toilet products since the war) have returned to bring you prestige, as well as profit.

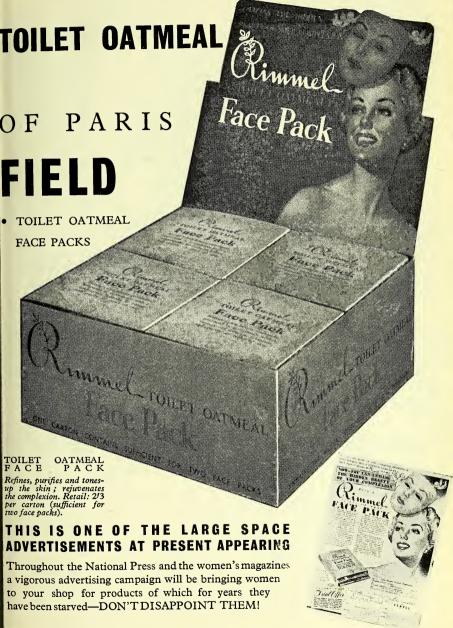
Awaited by women throughout the years of control, these century-old creations of Eugene Rimmel, inspired Beauty Adviser to seven Royal Courts, are backed by powerful National advertising and unusually attractive display packs; they will be your most profitable lines (for instance, the Rimmel Violet Oatmeal Soap carries a profit of 41%).

Rimmel is first in the field; get ahead of your competitors as well. Delivery will be in strict rotation and you will be wise to send your order without delay.

RETAILERS' PRICES:

Face packs 10/6 per dozen. Violet Oatmeal small 1813 per dozen. Large 34'- per dozen. Voilet Oatmeal Soap 919 per dozen. .

EUGENE (ENGLAND) LIMITED RIMMEL



48 NORTH ROW, PARK LANE, LONDON, W.

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LOZENGES OF THE B.P. and B.P.C.

- Ammonium Chloride
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Quotations on request.

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WOMEN DEMAND LIPSTICK

LIPSTICK DEMANDS LIP-COTE

Every customer for lipstick is a customer for LIP-COTE, colour-less and quick drying, keeps lipstick in its proper place-it cannot smear and won't rub off. Nationally advertised. Send NOW for showcards, display material and details

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Retail Price 6/6 Inc.

P. Tax 2/7 LIPS SMEARPROOF

A GOOD SELLING LINE WITH UNIQUE APPEAL

VINE'S "Young Folks" SHAMPOO

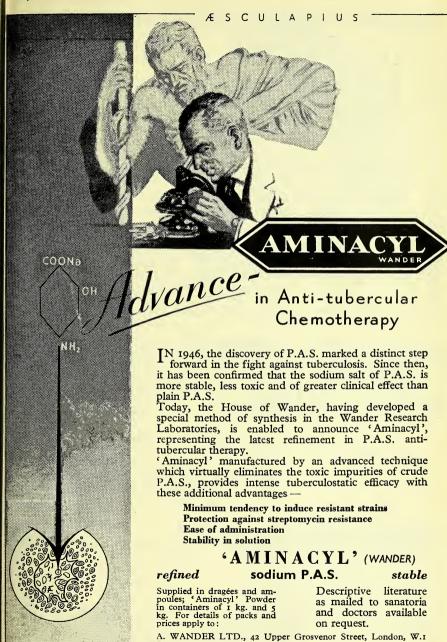
Specially formulated to protect the fine hair of children and infants.

"The Children's Own Shampoo"

Retails at 2/6. Cost 15/- per doz. plus 1/8 Purchase Tax. Special offer: 13 to the dozen.

Available from all leading Chemists' Sundriesmen. Wholesale enquiries invited.

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SPIN Curlers

prove best-selling certainty!

Another profit-maker for you!

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For odd end curls and tidyingup between perms. Contains waving lotion, end papers and neutralizer for 14 to 18 curlers. Trade Price 2/-. Purchase Tax (100%) 2/-.

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Millions of American women use Toni with the new SPIN Curlers. Actual sales in the United States prove this. These same SPIN Curler Kits are being introduced in Britain too. It's the most exciting development since Toni Home Perm was first introduced. It will boost over-all Toni sales everywhere.

Backed by all-out advertising effort

Toni with new SPIN Curlers will be backed by the heaviest concentration of advertising in the history of Toni in this country — at a time when most women want and need a new perm!

Make sure your stocks of the full Toni range — including Standard Curler Kits and Refill Kits — are adequate to

meet the demand.

Feature

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with new

SPIN Curlers

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Pur. Tax (100%) 6/8

RETAIL PRICE 16/8 (incl. Purchase Tax)

Includes six Midget SPIN

Curlers for winding neck-line hair.





Remember every woman includes talc among her regular beauty "buys"—its use is a habit with her. Of course she prefers talc to match her perfume or any other perfumed products she buys from you. So sell her Goya Talc... superfine, exquisitely perfumed, wonderfully refreshing. It not only solves the "matching" problem but again and again brings in double sales because it is made to match.

Display it on your counter, in your window—make the most of Goya Talc.





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LIMITED

Proudly Present

THREE PROVED SELLERS IN NEW PACKS







INCREASED TRADE DISCOUNT

These new packs carry 33\}\% discount backed by National Press Advertising to send you new customers.

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SOLD ONLY THROUGH

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The Lantigen Series of Dissolved Oral Vaccines introduced to this country two years ago, is now a firmly established and quick selling line. On the P.A.T.A. list, and nationally advertised, Lantigen is sold only through Chemists at one guinea per bottle (plus 4/8 P.T.). Descriptive leaflet and terms on request.

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LANTIGEN 'C' for Rheumatism of germ-born origin.

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Supplies direct from Sole Distributors:

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Manufactured by: LANTIGEN (ENGLAND) LTD., BAGSHOT, SURREY

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S.T. I. SUN TAN POWDER comp.

cottles † 0z. powder to 2 ozs. water. Applied with wadding and gives the admired GOLDEN BROWN Skin Tint with smooth matt finish. Early orders appreciated. 7 lbs. lots at 2/9 lb. post paid. CHEMICAL MNFG. LABORATORY LTD. DRAKE ROAD WORKS, TAVISTOCK, DEVON (Tavistock 497)

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RANCO-BRITISH GLASS CO. LTD.

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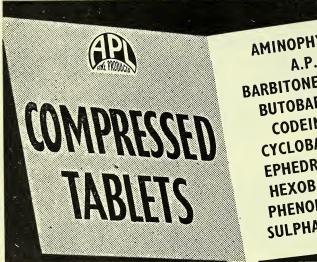
15/17 KING STREET, ST. JAMES'S, LONDON, S.W.I Telephone ABBEY 4151

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THE TABLET DALES MAKERS LTD. STEETON, Nr. KEIGHLEY

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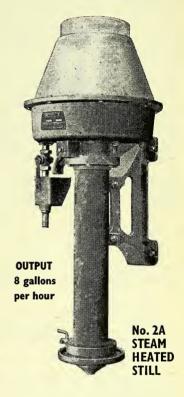
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- CONTINUOUS IN OPERATION
- HIGH QUALITY DISTILLED WATER
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OB LECTRIC STILL

OUTPUT 3 pints per hour

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FULL DETAILS GLADLY SUPPLIED

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An Ideal

Behind the "Allure" Perfume Hairbrush is the heavy and sustained advertising at home and abroad which for years has been building up to the present time when we can fulfil all your orders.

The "Allure" Perfume Hairbrush is advertised by Showcards on all London Underground trains on which 650,000,000 passengers travel yearly.

Give these brushes prominent display and always show one brush apart as this calls attention to the fact that it is not an ordinary brush.

ATTRACTIVE ADVERTISEMENTS APPEAR REGULARLY in the NATIONAL PRESS





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Big sales were forecast for Evergreen-but it's proved even more popular than we expected! Don't miss this latest best-seller, with the fresh, new fragrance. The pack designed to look like a basket of flowers, is most attractive and makes a gay, eye-catching display. Price is very popular - 2/- retail. Trade price 9/8 a dozen. And there are Peter Claridge colognes to match each perfume at 5/-. Trade price 24/- a dozen. Trade details from:-

eter Claridge

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Created to meet the demand for a smooth created to inter the demand or a smooth assiy applied Creamed Lanolin. Is available in handy Cartoned Tubes and attractive 2-dozen display outers. The tube has now been increased in size, the retail price remains the same.

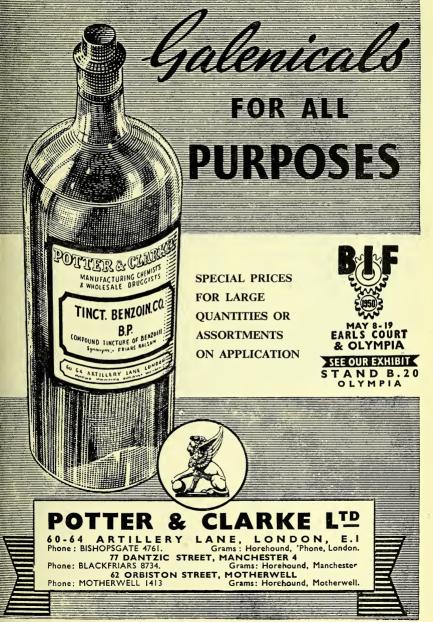
Retail Selling Price 1/41 inc. tax.

Obtainable from your wholesaler.

If any difficulty write direct to the Manufacturers COLLEGE LABORATORIES LTD. Tower, Warmley,

London and Home Counties Distributors
H. B. DORLING LTD.

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A Hand Standard

"SURE SHIELD"

(Reg'd. Trade Mark)

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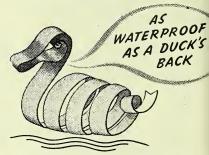
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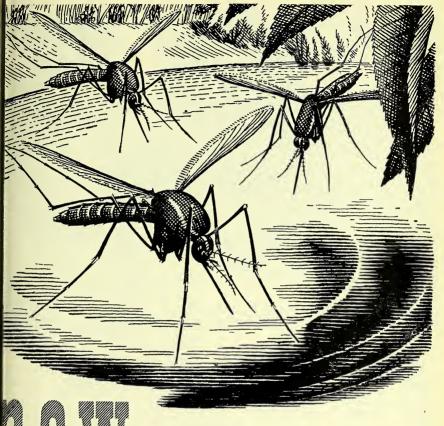
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Attractive showcards are

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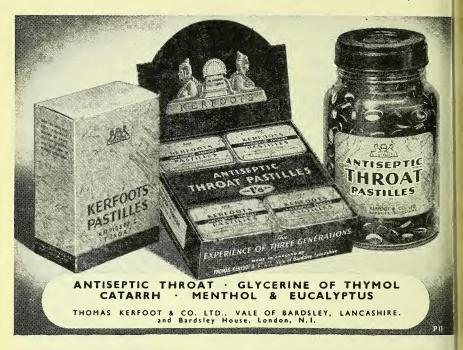


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Open spaces everywhere are an invitation to sunbathers, and sunbathers need Beach Sun Tan Cream.

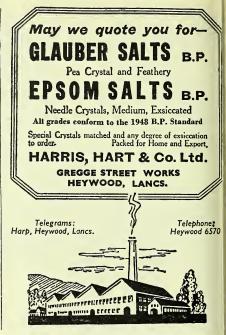
It pays well to use this showcard and display carton.

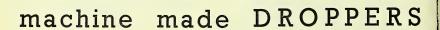


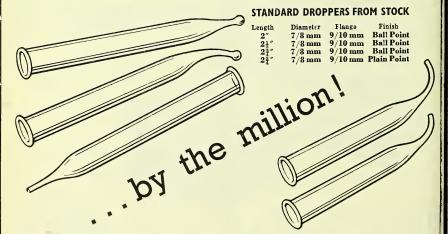
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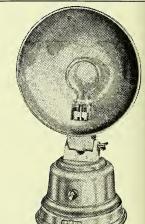
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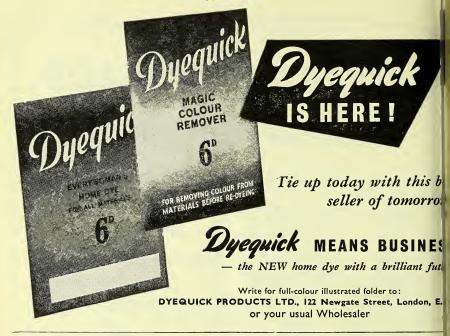
to healthier profits for YOU

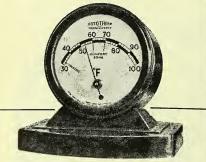
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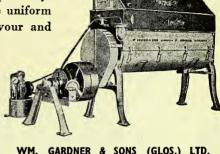
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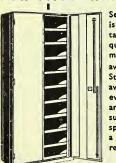
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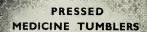
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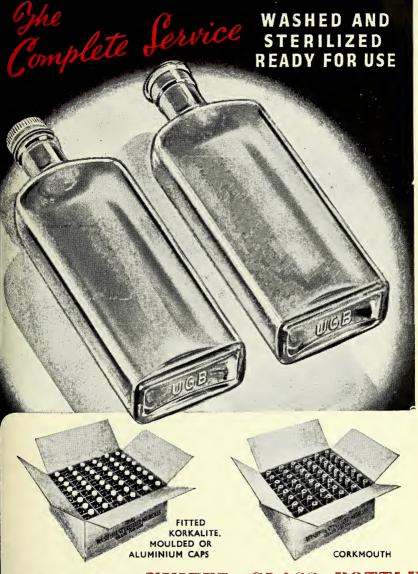
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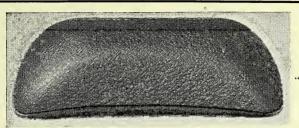
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The practical uses of emulsifiers is dealt with at considerable length, together with methods of handling each type of emulsifying agent and full notes of incompatibilities and other matters.

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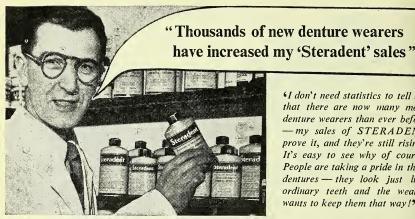
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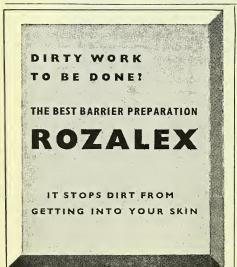
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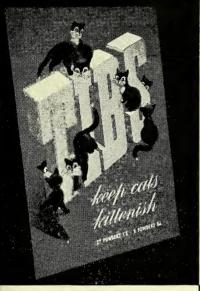
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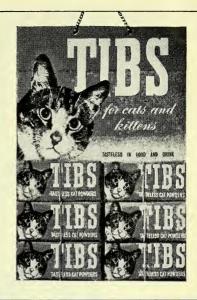
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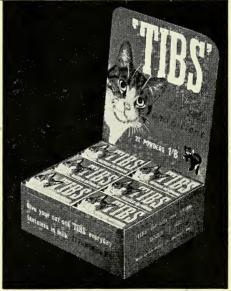




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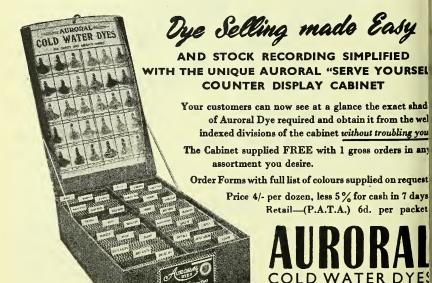
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